

Load Cell

guide

RICE LAKE
WEIGHING SYSTEMS

**Most Complete
INVENTORY**
of load cells
and load cell hardware
in the industry

800-472-6703 www.ricelake.com **2015**

Our Ide

Dating back to our origin in 1946, providing unmatched service has always been the focus of our business. Rice Lake's unique beginning as a service company helped construct this principle and it has endured the test of time. It is ingrained in everything we do and continues to be the epicenter of our identity.

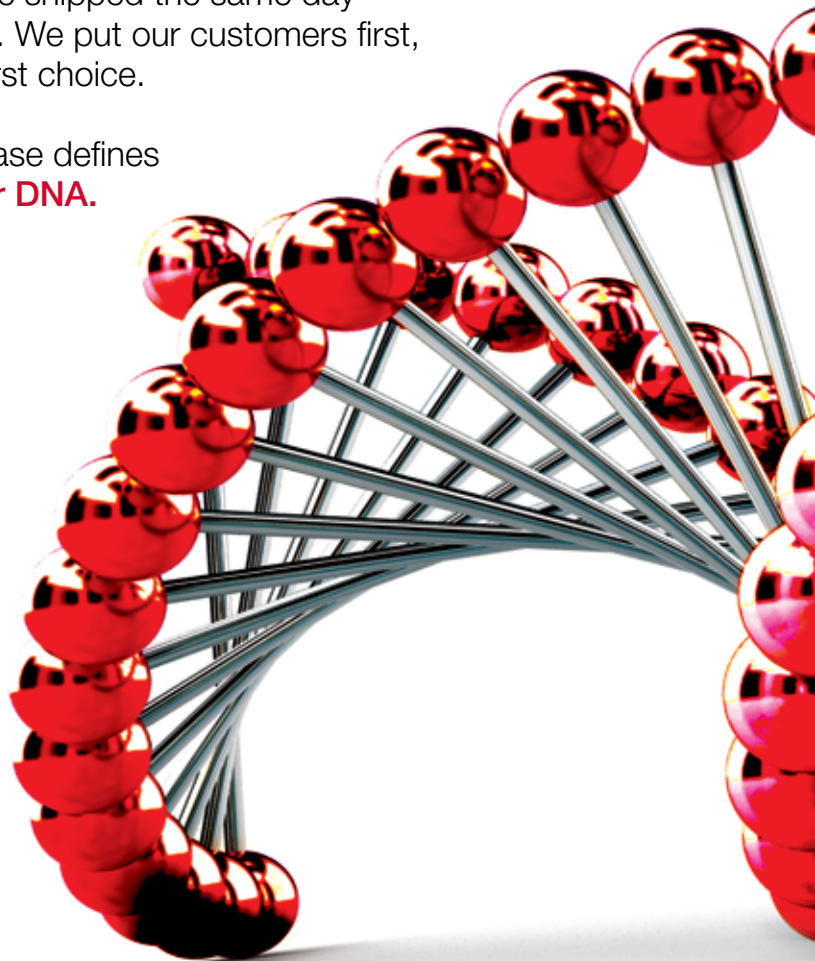
Today, Rice Lake Weighing Systems carries over 40,000 different products in stock and ready to ship, meeting the needs of almost any weight-related and process control application. We also routinely build custom solutions for applications outside the norm, delivering a valuable on-demand response for products in complex configured systems.

Over 80 percent of orders we receive are shipped the same day because we recognize the value of time. We put our customers first, making Rice Lake the scale industry's first choice.

Service, selection, and speed—this phrase defines Rice Lake Weighing Systems. **It's in our DNA.**

Service.

Represented by the most dedicated scale experts in the industry, we provide unmatched service for our customers, 24 hours a day, 7 days a week, 365 days a year.

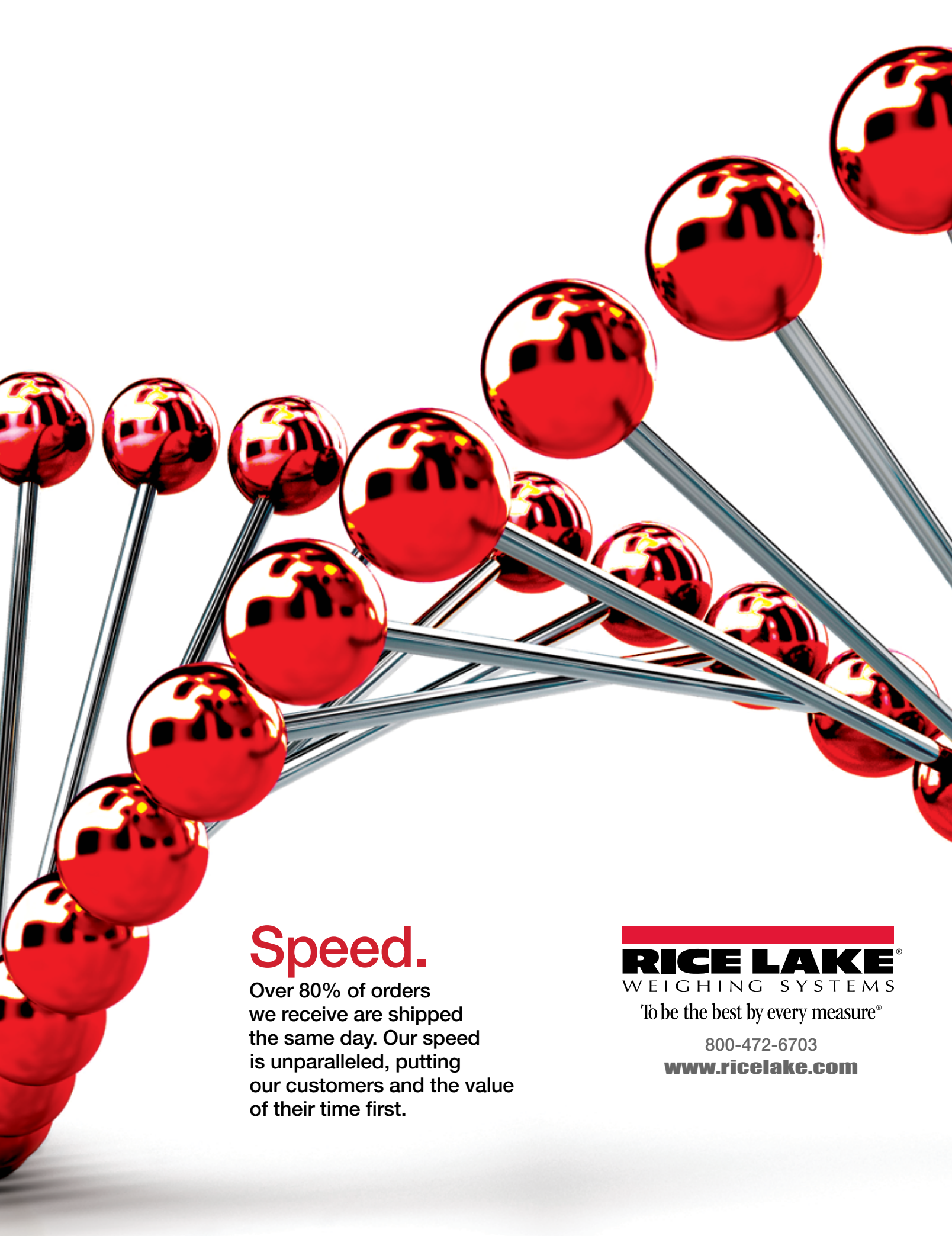


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Selection.

We have the largest industry inventory with more than 40,000 items in stock and available for same day shipping, plus the ability to design custom equipment and integrated systems.



Speed.

Over 80% of orders we receive are shipped the same day. Our speed is unparalleled, putting our customers and the value of their time first.

RICE LAKE[®]
WEIGHING SYSTEMS

To be the best by every measure[®]

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Rice Lake Technical Training Class is in Session

Throw on your ball cap and pack up your mini screwdrivers because Rice Lake Weighing Systems is now accepting students for our 2015 Technical Training School. New and experienced scale technicians can learn from the best in the industry who teach, demonstrate and work one-on-one with students. By using the latest weighing equipment, software and techniques, students are able to leave Rice Lake's technical training with the confidence to successfully sell, service and apply targeted weighing solutions.



ES-111 Fundamentals of Electronic Systems

Beginning scale technicians receive hands-on training in the basics of calibration, configuration, serial interfacing and troubleshooting components from load cells and indicators, to printers and peripherals.

2015: February, March, May, July, October and December

ES-222 Advanced Scale System Troubleshooting

Systematic and methodical approach to troubleshooting for the intermediate technician.

Focus is heavily centered on less lecture and more lab work.

2015: February, April and September

ES-300 Indicator Formatting and Process Control

Learn the basic setup and configuration of the 720i™, 820i® and other programmable indicators using the front panel and software tools such as iRev, Revolution® and ProAction PCEE.

Students will also learn about the use of setpoints and as an added bonus, we teach how to set up and use the iQUBE2® junction box.

2015: January, June and November

ES-301 920i® Advanced Programming

Study components and syntax of iRite® programming language with hands-on exercises and examples.

Gain experience writing, compiling, editing and downloading the 920i programs. Explore capabilities of the 920i database.

2015: January, June and November

MS-101 Understanding Mechanical Scales

In today's automated industry, many technicians have never acquired the skills to service mechanical scales.

This class will focus on pivots and bearings, levers, scales, scale recognition, maintenance and repair, beams/portable beam scales, dial scales, motor truck scales and electromechanical conversions.

2015: October Only

SA-101 Sales and Application Training

Students gain the confidence that closes sales. Beginning with an overview of the market for weighing equipment and technology, students learn where weighing equipment serves in specific vertical markets including agriculture, chemical, food and beverage, manufacturing, natural resources, research and education, transportation and logistics, waste and recycling, and wholesale and retail trade. Product categories and industry approvals and codes are defined and sales support is reviewed.

2015: September Only

Visit www.ricelake.com/training for more details,
or call and ask for our training coordinator: **US 1-800-472-6703**

International 1-715-234-9171

Canada/Mexico 1-800-321-6703

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To be the best by every measure®

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ITCM SS 46
Stainless Steel Isolated Tension Cell Modules

ITCM HE 48
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50-500lb Capacity Mini Tank Weighing Module

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HBM	Z6	VPG Celtron	HBB Single-Ended Beam	200
HBM	PW12	Rice Lake	RLPWM12 Single Point	171
Howe Richardson	244699-000X	Rice Lake	RLCSP1 Compression Canister	159
Interface	MB	VPG Celtron	MBB Single-Ended Beam	198

Interchangeable Products Rice Lake

Manufacturer	Model	Manufacturer	Model	Page #
Masstron	ML1350 (5000lb)	Rice Lake	RLSB2L Single-Ended Beam	139
Masstron	ML1435 (35,000lb)	Rice Lake	RLSB2L Single-Ended Beam	139
Masstron	ML1437 (35,000lb)	Rice Lake	RLSB2L Single-Ended Beam	139
Masstron	ML1445 (45,000lb)	Rice Lake	RLSB2L Single-Ended Beam	139
Masstron	ML1447 (45,000lb)	Rice Lake	RLSB2L Single-Ended Beam	139
Mettler Toledo	TB601019-008 (500lb, 2500lb, 5000lb)	Rice Lake	RLH35 Single-Ended Beam	127
Mettler Toledo	TB601016-020 (1000lb, 4000lb)	Rice Lake	RLH35 Single-Ended Beam	127
Mettler Toledo	TB600529 (500lb)	Rice Lake	RL30745 Single-Ended Beam	129
Mettler Toledo	TB600363 (1250lb)	Rice Lake	RL30745 Single-Ended Beam	129
Mettler Toledo	TB600342 (2500lb)	Rice Lake	RL30745 Single-Ended Beam	129
Mettler Toledo	TB600343 (5000lb)	Rice Lake	RL30745 Single-Ended Beam	129
Mettler Toledo	TB600364 (10,000lb)	Rice Lake	RL30745 Single-Ended Beam	129
Mettler Toledo	THC	Rice Lake	RL30745 Single-Ended Beam	129
Mettler Toledo	10049200A, 10014900A	VPG BLH	C2P1 Compression Canister	184
Mettler Toledo	10011900A, 10049300A	VPG BLH	C2P1 Compression Canister	184
Mettler Toledo	1004400A, KN713700	VPG BLH	C3P1 Compression Canister	185
Mettler Toledo	KB200570, 10049100A	VPG BLH	C3P1 Compression Canister	185
Mettler Toledo	10048X00A, KN75066	VPG BLH	T3P1 Tension Canister	187
NMB	C2G1	VPG Celtron	LPS Single Point	206
Rice Lake	RL71000HE	Rice Lake	RL70000 SS Double-Ended Beam	148
Rice Lake	RL70000 HE	Rice Lake	RL71000 HE Double-Ended Beam	149
Rice Lake	RL75016 WHE	Rice Lake	RL75016 SS Double-Ended Beam	152
Rice Lake	RL75016 SS	Rice Lake	RL75016 WHE Double-Ended Beam	153
Rice Lake	RL1042	Rice Lake	RLSP4 Single Point	170
Rice Lake	RL1250	Rice Lake	RLPWM12 Single Point	171
Rice Lake	RL1260	Rice Lake	RLPWM16 Single Point	172
Rice Lake	RLPWM16	Rice Lake	RL1260 Single Point	178
Rice Lake	RLPWM12	Rice Lake	RL1250 Potted Single Point	179
Rice Lake	RL20000	VPG Celtron	STC Low Capacity S-Beam	192
Rice Lake	RL20001	VPG Celtron	STC S-Beam	193
Rice Lake	RL35023	VPG Celtron	SQB Single-Ended Shear Beam	196
Rice Lake	RLHBB	VPG Celtron	HBB Single-Ended Beam	200
Rice Lake	RL75016	VPG Celtron	DSR Double-Ended Shear Beam	202

Interchangeable Products Rice Lake

Manufacturer	Model	Manufacturer	Model	Page #
Rice Lake	RL75016 SS	VPG Celtron	DSR-HSS Double-Ended Shear Beam	203
Rice Lake	RL75058	VPG Celtron	CLB Double-Ended Beam	204
Rice Lake	RL75040	VPG Celtron	DLB Double-Ended Beam	205
Rice Lake	RL1521A	VPG Celtron	LPS Single Point	206
Rice Lake	RL1040	VPG Celtron	LOC Single Point	207
Rice Lake	RL1250	VPG Celtron	LOC Single Point Heavy Capacity	208
Rice Lake	RLPWM12	VPG Celtron	LOC Single Point Heavy Capacity	208
Rice Lake	RL90000	VPG Celtron	LCD Compression Disk	210
Sensortronics	65040A-XX-1127W	Rice Lake	RL75223 Double-Ended Beam	156
Streeter Amet	3760XXX	Rice Lake	RLCSP1 Compression Canister	159
Streeter Richardson	2011611, 2011612	VPG BLH	C2P1 Compression Canister	184
Streeter Richardson	2011613, 2011614, 201617	VPG BLH	C2P1 Compression Canister	184
Streeter Richardson	2011711, 2011712	VPG BLH	T2P1 Tension Canister	186
Streeter Richardson	20117XX	VPG BLH	T3P1 Tension Canister	187
Thurman	TSC 800	Rice Lake	RL75223 Double-Ended Beam	156
Thurman	TSC 840	Rice Lake	RL75040 Double-Ended Beam	158
Thurman	TSC 840	VPG Celtron	DLB Double-Ended Beam	205
Unibridge	DL90000	Rice Lake	RL75223 Double-Ended Beam	156
VPG BLH	C2G1	Rice Lake	RL1521A Single Point	168
VPG BLH	C2G1	VPG Celtron	LPS Single Point	206
VPG Celtron	STC	Rice Lake	RL200001 S-Beam	122
VPG Celtron	SQB	Rice Lake	RL35023 Single-Ended Beam	131
VPG Celtron	SQB-HSS	Rice Lake	RL35083 Single-Ended Beam	133
VPG Celtron	HBB	Rice Lake	RLHBB Single-Ended Beam	144
VPG Celtron	DSR	Rice Lake	RL75016 Double-Ended Beam	151
VPG Celtron	DSR-HSS	Rice Lake	RL75016 SS Double-Ended Beam	152
VPG Celtron	CLB	Rice Lake	RL75058 Double-Ended Beam	154
VPG Celtron	DLB	Rice Lake	RL75040 Double-Ended Beam	158
VPG Celtron	LCD	Rice Lake	RL90000 Compression Disk	163
VPG Celtron	LPS	Rice Lake	RL1521A Single Point	168
VPG Celtron	LOC	Rice Lake	RL1040 Potted & Unpotted Single Point	174
VPG Celtron	LOC	Rice Lake	RL1250 Potted Single Point	179
VPG Revere Transducers	9363	Rice Lake	RL20000 SS S-Beam	117
VPG Revere Transducers	5123	Rice Lake	RL30000 Single-Ended Beam	125
VPG Revere Transducers	9123	Rice Lake	RL39123 Single-Ended Beam	128
VPG Revere Transducers	SSB	Rice Lake	RLSSB Single-Ended Beam	137
VPG Revere Transducers	5503	Rice Lake	RL50210 Single-Ended Beam	140
VPG Revere Transducers	5503	Rice Lake	RL50210SS Single-Ended Beam	141
VPG Revere Transducers	5503	Rice Lake	RL60040SST Single-Ended Beam	142
VPG Revere Transducers	SHB	Rice Lake	RLHBB Single-Ended Beam	144
VPG Revere Transducers	5103	Rice Lake	RL70000 Double-Ended Beam	147
VPG Revere Transducers	9103	Rice Lake	RL70000 SS Double-Ended Beam	148
VPG Revere Transducers	9103	Rice Lake	RL71000 HE Double-Ended Beam	149
VPG Revere Transducers	5203	Rice Lake	RL75016 Double-Ended Beam	151
VPG Revere Transducers	9203	Rice Lake	RL75016 SS Double-Ended Beam	152
VPG Revere Transducers	5223	Rice Lake	RL75223 Double-Ended Beam	156
VPG Revere Transducers	CSP	Rice Lake	RLCSP1 Compression Canister	159
VPG Revere Transducers	692B	Rice Lake	RLCSP1 Compression Canister	159
VPG Revere Transducers	792	Rice Lake	RL8C2P1SS Compression Canister	162
VPG Revere Transducers	CBU	VPG Celtron	MBB Single-Ended Beam	198

Interchangeable Products Rice Lake

Manufacturer	Model	Manufacturer	Model	Page #
VPG Revere Transducers	SHB	VPG Celtron	HBB Single-Ended Beam	200
VPG Revere Transducers	5203	VPG Celtron	DSR Double-Ended Shear Beam	202
VPG Revere Transducers	9203	VPG Celtron	DSR-HSS Double-Ended Shear Beam	203
VPG Sensortronics	60001	Rice Lake	RL200001 S-Beam	122
VPG Sensortronics	60063	Rice Lake	RL20001 HE S-Beam	123
VPG Sensortronics	65023	Rice Lake	RL35023 Single-Ended Beam	131
VPG Sensortronics	65023 S	Rice Lake	RL35023S Single-Ended Beam	132
VPG Sensortronics	65023 SS	Rice Lake	RL35023S Single-Ended Beam	132
VPG Sensortronics	65083	Rice Lake	RL35083 Single-Ended Beam	133
VPG Sensortronics	65083 S	Rice Lake	RL35082 Single-Ended Beam	134
VPG Sensortronics	60040	Rice Lake	RL50210 Single-Ended Beam	140
VPG Sensortronics	60040	Rice Lake	RL50210SS Single-Ended Beam	141
VPG Sensortronics	60040	Rice Lake	RL60040SST Single-Ended Beam	142
VPG Sensortronics	60007	Rice Lake	RL40BBS Single-Ended Beam	143
VPG Sensortronics	65016	Rice Lake	RL75016 Double-Ended Beam	151
VPG Sensortronics	65016W	Rice Lake	RL75016 SS Double-Ended Beam	152
VPG Sensortronics	65016WH	Rice Lake	RL75016 SS Double-Ended Beam	152
VPG Sensortronics	65016W	Rice Lake	RL75016 WHE Double-Ended Beam	153
VPG Sensortronics	65016WH	Rice Lake	RL75016 WHE Double-Ended Beam	153
VPG Sensortronics	65058	Rice Lake	RL75058 Double-Ended Beam	154
VPG Sensortronics	65058S	Rice Lake	RL75060S Double-Ended Beam	155
VPG Sensortronics	65040A	Rice Lake	RL75040 Double-Ended Beam	158
VPG Sensortronics	65088-1000	Rice Lake	RLCSP1 Compression Canister	159
VPG Sensortronics	60063	VPG Celtron	STC Low Capacity S-Beam	192
VPG Sensortronics	60001	VPG Celtron	STC S-Beam	193
VPG Sensortronics	60050	VPG Celtron	STC SS S-Beam	194
VPG Sensortronics	65023	VPG Celtron	SQB Single-Ended Shear Beam	196
VPG Sensortronics	65007	VPG Celtron	MBB Single-Ended Beam	198
VPG Sensortronics	65016	VPG Celtron	DSR Double-Ended Shear Beam	202
VPG Sensortronics	65016W	VPG Celtron	DSR-HSS Double-Ended Shear Beam	203
VPG Sensortronics	65058	VPG Celtron	CLB Double-Ended Beam	204
VPG Sensortronics	65040A	VPG Celtron	DLB Double-Ended Beam	205
VPG Tedea-Huntleigh	3411	Rice Lake	RL30000 Single-Ended Beam	125
VPG Tedea-Huntleigh	3510 kg	Rice Lake	RLHT0 Single-Ended Beam	136
VPG Tedea-Huntleigh	355	Rice Lake	RLHBB Single-Ended Beam	144
VPG Tedea-Huntleigh	1022	Rice Lake	RL1521A Single Point	168
VPG Tedea-Huntleigh	1010	Rice Lake	RL1010 Potted & Unpotted Single Point	169
VPG Tedea-Huntleigh	1042	Rice Lake	RLSP4 Single Point	170
VPG Tedea-Huntleigh	1250	Rice Lake	RLPWM12 Single Point	171
VPG Tedea-Huntleigh	1260	Rice Lake	RLPWM16 Single Point	172
VPG Tedea-Huntleigh	1042	Rice Lake	RL1042 Single Point	173
VPG Tedea-Huntleigh	1040	Rice Lake	RL1040 Potted & Unpotted Single Point	174
VPG Tedea-Huntleigh	1260	Rice Lake	RL1260 Single Point	178
VPG Tedea-Huntleigh	1250	Rice Lake	RL1250 Potted Single Point	179
VPG Tedea-Huntleigh	355	VPG Celtron	HBB Single-Ended Beam	200
VPG Tedea-Huntleigh	1022	VPG Celtron	LPS Single Point	26
VPG Tedea-Huntleigh	1040	VPG Celtron	LOC Single Point	207
VPG Tedea-Huntleigh	1250	VPG Celtron	LOC Single Point Heavy Capacity	208
VPG Tedea-Huntleigh	1320	VPG Celtron	HOC Single Point	209
VPG/HBM	PW12	VPG Celtron	LOC Single Point Heavy Capacity	208

Interchangeable Products VPG BLH

Manufacturer	Model	Manufacturer	Model	Page #
Fairbanks	3-38065-X, 3-38066-X	VPG BLH	C2P1 Compression Canister	184
Fairbanks	3-38054-X	VPG BLH	C3P1 Compression Canister	185
Fairbanks	657090, 657091	VPG BLH	T2P1 Tension Canister	186
Fairbanks	3-39897-X, 3-40766-X	VPG BLH	T3P1 Tension Canister	187
HBM	C10	VPG BLH	C2P1 Compression Canister	184
HBM	Z6	VPG Celtron	HBB Single-Ended Beam	200
Interface	MB	VPG Celtron	MBB Single-Ended Beam	198
Mettler Toledo	10049200A, 10014900A	VPG BLH	C2P1 Compression Canister	184
Mettler Toledo	10011900A, 10049300A	VPG BLH	C2P1 Compression Canister	184
Mettler Toledo	1004400A, KN713700	VPG BLH	C3P1 Compression Canister	185
Mettler Toledo	KB200570, 10049100A	VPG BLH	C3P1 Compression Canister	185
Mettler Toledo	10048X00A, KN75066	VPG BLH	T3P1 Tension Canister	187
NMB	C2G1	VPG Celtron	LPS Single Point	206
Rice Lake	RL20000	VPG Celtron	STC Low Capacity S-Beam	192
Rice Lake	RL20001	VPG Celtron	STC S-Beam	193
Rice Lake	RL35023	VPG Celtron	SQB Single-Ended Shear Beam	196
Rice Lake	RLHBB	VPG Celtron	HBB Single-Ended Beam	200
Rice Lake	RL75016	VPG Celtron	DSR Double-Ended Shear Beam	202
Rice Lake	RL75016 SS	VPG Celtron	DSR-HSS Double-Ended Shear Beam	203
Rice Lake	RL75058	VPG Celtron	CLB Double-Ended Beam	204
Rice Lake	RL75040	VPG Celtron	DLB Double-Ended Beam	205
Rice Lake	RL1521A	VPG Celtron	LPS Single Point	206
Rice Lake	RL1040	VPG Celtron	LOC Single Point	207
Rice Lake	RL1250	VPG Celtron	LOC Single Point Heavy Capacity	208
Rice Lake	RLPWM12	VPG Celtron	LOC Single Point Heavy Capacity	208
Rice Lake	RL90000	VPG Celtron	LCD Compression Disk	210
Streeter Richardson	2011611, 2011612	VPG BLH	C2P1 Compression Canister	184
Streeter Richardson	2011613, 2011614, 201617	VPG BLH	C2P1 Compression Canister	184
Streeter Richardson	2011711, 2011712	VPG BLH	T2P1 Tension Canister	186
Streeter Richardson	20117XX	VPG BLH	T3P1 Tension Canister	187
Thurman	TSC 840	VPG Celtron	DLB Double-Ended Beam	205
VPG BLH	C2G1	VPG Celtron	LPS Single Point	206
VPG Revere Transducers	CBU	VPG Celtron	MBB Single-Ended Beam	198
VPG Revere Transducers	SHB	VPG Celtron	HBB Single-Ended Beam	200
VPG Revere Transducers	5203	VPG Celtron	DSR Double-Ended Shear Beam	202
VPG Revere Transducers	9203	VPG Celtron	DSR-HSS Double-Ended Shear Beam	203
VPG Sensortronics	60063	VPG Celtron	STC Low Capacity S-Beam	192
VPG Sensortronics	60001	VPG Celtron	STC S-Beam	193
VPG Sensortronics	60050	VPG Celtron	STC SS S-Beam	194
VPG Sensortronics	65023	VPG Celtron	SQB Single-Ended Shear Beam	196
VPG Sensortronics	65007	VPG Celtron	MBB Single-Ended Beam	198
VPG Sensortronics	65016	VPG Celtron	DSR Double-Ended Shear Beam	202
VPG Sensortronics	65016W	VPG Celtron	DSR-HSS Double-Ended Shear Beam	203
VPG Sensortronics	65058	VPG Celtron	CLB Double-Ended Beam	204
VPG Sensortronics	65040A	VPG Celtron	DLB Double-Ended Beam	205
VPG Tedea-Huntleigh	355	VPG Celtron	HBB Single-Ended Beam	200
VPG Tedea-Huntleigh	1022	VPG Celtron	LPS Single Point	206
VPG Tedea-Huntleigh	1040	VPG Celtron	LOC Single Point	207
VPG Tedea-Huntleigh	1250	VPG Celtron	LOC Single Point Heavy Capacity	208
VPG Tedea-Huntleigh	1320	VPG Celtron	HOC Single Point	209
VPG/HBM	PW12	VPG Celtron	LOC Single Point Heavy Capacity	208

Interchangeable Products VPG Celtron

Manufacturer	Model	Manufacturer	Model	Page #
HBM	Z6	VPG Celtron	HBB Single-Ended Beam	200
Interface	MB	VPG Celtron	MBB Single-Ended Beam	198
NMB	C2G1	VPG Celtron	LPS Single Point	206
Rice Lake	RL20000	VPG Celtron	STC Low Capacity S-Beam	192
Rice Lake	RL20001	VPG Celtron	STC S-Beam	193
Rice Lake	RL35023	VPG Celtron	SQB Single-Ended Shear Beam	196
Rice Lake	RLHBB	VPG Celtron	HBB Single-Ended Beam	200
Rice Lake	RL75016	VPG Celtron	DSR Double-Ended Shear Beam	202
Rice Lake	RL75016 SS	VPG Celtron	DSR-HSS Double-Ended Shear Beam	203
Rice Lake	RL75058	VPG Celtron	CLB Double-Ended Beam	204
Rice Lake	RL75040	VPG Celtron	DLB Double-Ended Beam	205
Rice Lake	RL1521A	VPG Celtron	LPS Single Point	206
Rice Lake	RL1040	VPG Celtron	LOC Single Point	207
Rice Lake	RL1250	VPG Celtron	LOC Single Point Heavy Capacity	208
Rice Lake	RLPWM12	VPG Celtron	LOC Single Point Heavy Capacity	208
Rice Lake	RL90000	VPG Celtron	LCD Compression Disk	210
Thurman	TSC 840	VPG Celtron	DLB Double-Ended Beam	205
VPG BLH	C2G1	VPG Celtron	LPS Single Point	206
VPG Revere Transducers	CBU	VPG Celtron	MBB Single-Ended Beam	198
VPG Revere Transducers	SHB	VPG Celtron	HBB Single-Ended Beam	200
VPG Revere Transducers	5203	VPG Celtron	DSR Double-Ended Shear Beam	202
VPG Revere Transducers	9203	VPG Celtron	DSR-HSS Double-Ended Shear Beam	203
VPG Sensortronics	60063	VPG Celtron	STC Low Capacity S-Beam	192
VPG Sensortronics	60001	VPG Celtron	STC S-Beam	193
VPG Sensortronics	60050	VPG Celtron	STC SS S-Beam	194
VPG Sensortronics	65023	VPG Celtron	SQB Single-Ended Shear Beam	196
VPG Sensortronics	65007	VPG Celtron	MBB Single-Ended Beam	198
VPG Sensortronics	65016	VPG Celtron	DSR Double-Ended Shear Beam	202
VPG Sensortronics	65016W	VPG Celtron	DSR-HSS Double-Ended Shear Beam	203
VPG Sensortronics	65058	VPG Celtron	CLB Double-Ended Beam	204
VPG Sensortronics	65040A	VPG Celtron	DLB Double-Ended Beam	205
VPG Tedeo-Huntleigh	355	VPG Celtron	HBB Single-Ended Beam	200
VPG Tedeo-Huntleigh	1022	VPG Celtron	LPS Single Point	206
VPG Tedeo-Huntleigh	1040	VPG Celtron	LOC Single Point	207
VPG Tedeo-Huntleigh	1250	VPG Celtron	LOC Single Point Heavy Capacity	208
VPG Tedeo-Huntleigh	1320	VPG Celtron	HOC Single Point	209
VPG/HBM	PW12	VPG Celtron	LOC Single Point Heavy Capacity	208

Interchangeable Products Flintec

Manufacturer	Model	Manufacturer	Model	Page #
Fairbanks	LCF-HR4050-3	Flintec	SLB Single-Ended Beam	216
Fairbanks	LCF-HR4020-1	Flintec	RC1 Rocker Column	223
Fairbanks	LCFHR4020-2A	Flintec	RC3 Rocker Cell	224
Rice Lake	RL1250	Flintec	PCB Single Point	225
Rice Lake	RLPC6	Flintec	PC6 Single Point	227
VPG Celtron	LOC	Flintec	PCB Single Point	225
VPG Tedea-Huntleigh	1250	Flintec	PCB Single Point	225

Interchangeable Products HBM

Manufacturer	Model	Manufacturer	Model	Page #
Fairbanks	3-481XX-1, 3-486XX-1	HBM	BBS Single-Ended Beam	241
Fairbanks	3-53581-X, 3-52921-1	HBM	BLF Single-Ended Beam	242
HBM	SS4	HBM	PW15 Single Point	248
Mettler Toledo	TB601019-008 (500lb, 2500lb, 5000)	HBM	H35 Single-Ended Beam	236
Mettler Toledo	TB601016-020 (1000, 4000)	HBM	H35 Single-Ended Beam	236
Mettler Toledo	TB600529 (500lb)	HBM	THC Single-Ended Beam	238
Mettler Toledo	TB600363 (1250lb)	HBM	THC Single-Ended Beam	238
Mettler Toledo	TB600342 (2500lb)	HBM	THC Single-Ended Beam	238
Mettler Toledo	TB60061 (4000lb)	HBM	THC Single-Ended Beam	238
Mettler Toledo	TB600343 (5000lb)	HBM	THC Single-Ended Beam	238
Mettler Toledo	TB600364 (10,000lb)	HBM	THC Single-Ended Beam	238
Rice Lake	RL39123	HBM	B35 Single-Ended Beam	237
Rice Lake	RL30745	HBM	THC Single-Ended Beam	238
Rice Lake	RL35023	HBM	A35 Single-Ended Beam	239
Rice Lake	RLBLC	HBM	BLC Single-Ended Beam	240
Rice Lake	RL40BBS	HBM	BBS Single-Ended Beam	241
Rice Lake	RLHBB	HBM	Z6 Single-Ended Beam	243
Rice Lake	RLSP4	HBM	SP4 Single Point	246
Rice Lake	RL1042	HBM	SP4 Single Point	246
Rice Lake	RLPWM12	HBM	PW12 Single Point	247
Rice Lake	RL1250	HBM	PW12 Single Point	247
Rice Lake	RLPWM16	HBM	PW16 Single Point	249
Rice Lake	RL1260	HBM	PW16 Single Point	249
Rice Lake	RLPWM15	HBM	PW15AH Single Point	250
Rice Lake	RL1380	HBM	PWS Single Point	251
VPG BLH	LBG1	HBM	BBS Single-Ended Beam	241
VPG Celtron	HBB	HBM	Z6 Single-Ended Beam	243
VPG Revere Transducers	9123	HBM	B35 Single-Ended Beam	237
VPG Revere Transducers	SHB	HBM	Z6 Single-Ended Beam	243
VPG Sensortronics	65023	HBM	A35 Single-Ended Beam	239
VPG Sensortronics	60007	HBM	BBS Single-Ended Beam	241
VPG Tedeo-Huntleigh	355	HBM	Z6 Single-Ended Beam	243
VPG Tedeo-Huntleigh	1042	HBM	SP4 Single Point	246
VPG Tedeo-Huntleigh	1250	HBM	PW12 Single Point	247
VPG Tedeo-Huntleigh	1260	HBM	PW16 Single Point	249
VPG-Celtron	SQB	HBM	A35 Single-Ended Beam	239

Interchangeable Products VPG Revere Transducers

Manufacturer	Model	Manufacturer	Model	Page #
Artech	30310	VPG Revere Transducers	5123 Single-Ended Beam	264
Artech	30410	VPG Revere Transducers	5723 Link Beam	269
Artech	90210	VPG Revere Transducers	CP Compression Canister	281
Artech	90310	VPG Revere Transducers	CSP Compression Canister	282
Artech	90405	VPG Revere Transducers	792 Compression Canister	283
Cardinal	CP1	VPG Revere Transducers	CP Compression Canister	281
HBM	B35	VPG Revere Transducers	9123 Single-Ended Beam	265
HBM	Z6	VPG Revere Transducers	SHB Single-Ended Beam	270
HBM	SB3	VPG Revere Transducers	SSB Single-Ended Beam	271
Howe Richardson	20908XXX	VPG Revere Transducers	CP Compression Canister	281
Howe Richardson	244699-000X	VPG Revere Transducers	CSP Compression Canister	282
NV Technology	BLC-2-XX-N	VPG Revere Transducers	9803 Double-Ended Beam	276
NV Technology	BLC-1-N-WP	VPG Revere Transducers	9323 Double-Ended Beam	277
NV Technology	BLC-1-N	VPG Revere Transducers	9423 Double-Ended Beam	278
Revere Transducers	5102	VPG Revere Transducers	9102 Single-Ended Beam	267
Revere Transducers	9102	VPG Revere Transducers	5102 Single-Ended Beam	268
Revere Transducers	392B	VPG Revere Transducers	CP Compression Canister	281
Revere Transducers	692B	VPG Revere Transducers	CSP Compression Canister	282
Rice Lake	RL20000	VPG Revere Transducers	363 S-Beam	261
Rice Lake	RL20000 SS	VPG Revere Transducers	9363 S-Beam	262
Rice Lake	RL20000 ST	VPG Revere Transducers	9363 S-Beam	262
Rice Lake	RL30000	VPG Revere Transducers	5123 Single-Ended Beam	264
Rice Lake	RL39123	VPG Revere Transducers	9123 Single-Ended Beam	265
Rice Lake	RL39523	VPG Revere Transducers	9523 Single-Ended Beam	266
Rice Lake	RLHBB	VPG Revere Transducers	SHB Single-Ended Beam	270
Rice Lake	RLSSB	VPG Revere Transducers	SSB Single-Ended Beam	271
Rice Lake	RL70000	VPG Revere Transducers	5103 Double-Ended Beam	272
Rice Lake	RL70000 SS	VPG Revere Transducers	9103 Double-Ended Beam	273
Rice Lake	RL71000 HE	VPG Revere Transducers	9103 Double-Ended Beam	273
Rice Lake	RL75223	VPG Revere Transducers	5223 Double-Ended Beam	274
Rice Lake	Translink	VPG Revere Transducers	9223 Double-Ended Beam	275
Rice Lake	RLCSP1	VPG Revere Transducers	CSP Compression Canister	282
Rice Lake	RL8C2P1SS	VPG Revere Transducers	792 Compression Canister	283
Streeter Amet	3753070, 3752030, 3752040, 3751940	VPG Revere Transducers	CP Compression Canister	281
Streeter Amet	3760XXX	VPG Revere Transducers	CSP Compression Canister	282
Thurman	TSC 800	VPG Revere Transducers	5223 Double-Ended Beam	274
Thurman	10088970A-50K	VPG Revere Transducers	9803 Double-Ended Beam	276
VPG Celtron	HBB	VPG Revere Transducers	SHB Single-Ended Beam	270
VPG Tedeo-Huntleigh	3411	VPG Revere Transducers	5123 Single-Ended Beam	264
VPG Tedeo-Huntleigh	355	VPG Revere Transducers	SHB Single-Ended Beam	270

Interchangeable Products VPG Sensortronics

Manufacturer	Model	Manufacturer	Model	Page #
Artech	50210	VPG Sensortronics	60040 Single-Ended Beam	304
Artech	80210	VPG Sensortronics	65040A-1127W Double-Ended Beam	316
Fairbanks	65023A-XX-5164	VPG Sensortronics	65023A-5297 Single-Ended Beam	296
Fairbanks	Rodan 90814-40k	VPG Sensortronics	65061A Double-Ended Beam	313
Fairbanks	Rodan 91088-50k	VPG Sensortronics	65061A Double-Ended Beam	313
Fairbanks	63951	VPG Sensortronics	65114 Rocker Column	317
NCI	Mark III	VPG Sensortronics	60051 Single Point	306
NCI	Mark IX	VPG Sensortronics	60051 Single Point	306
NCI/Weigh-Tronix	Mark V	VPG Sensortronics	60048SS Single Point	305
Pennsylvania	65023A-XX-5141	VPG Sensortronics	65023A-5107-10 Single-Ended Beam	297
Revere Transducers	5203	VPG Sensortronics	65016 Double-Ended Beam	308
Rice Lake	RL20001	VPG Sensortronics	60001 S-Beam	293
Rice Lake	RL20001 HE	VPG Sensortronics	60063 S-Beam	295
Rice Lake	RL35023	VPG Sensortronics	65023 Single-Ended Beam	299
Rice Lake	RL30002	VPG Sensortronics	65023 Single-Ended Beam	299
Rice Lake	RL35023S	VPG Sensortronics	65023SS Single-Ended Beam	300
Rice Lake	RL35023S	VPG Sensortronics	65023S Single-Ended Beam	301
Rice Lake	RL35083	VPG Sensortronics	65083 Single-Ended Beam	302
Rice Lake	RL35082	VPG Sensortronics	65083S Single-Ended Beam	303
Rice Lake	RL50210	VPG Sensortronics	60040 Single-Ended Beam	304
Rice Lake	RL75016	VPG Sensortronics	65016 Double-Ended Beam	308
Rice Lake	RL75016 WHE	VPG Sensortronics	65016W Double-Ended Beam	309
Rice Lake	RL75016 WHE	VPG Sensortronics	65016WH Double-Ended Beam	310
Rice Lake	RL75058	VPG Sensortronics	65058A Double-Ended Beam	311
Rice Lake	RL75060S	VPG Sensortronics	65058S Double-Ended Beam	312
Rice Lake	RL75040	VPG Sensortronics	65040A Double-Ended Beam	314
Rice Lake	RL75040	VPG Sensortronics	65040S Double-Ended Beam	315
Rice Lake	RL75223	VPG Sensortronics	65040A-1127W Double-Ended Beam	316
Thurman	TSC 840	VPG Sensortronics	65040A Double-Ended Beam	314
Thurman	TSC 800	VPG Sensortronics	65040A-1127W Double-Ended Beam	316
VPG Celtron	STC	VPG Sensortronics	60001 S-Beam	293
VPG Celtron	STC-SS	VPG Sensortronics	60050 S-Beam	294
VPG Celtron	SQB	VPG Sensortronics	65023 Single-Ended Beam	299
VPG Celtron	SQB-HSS	VPG Sensortronics	65083 Single-Ended Beam	302
VPG Celtron	DSR	VPG Sensortronics	65016 Double-Ended Beam	308
VPG Celtron	DSR-HSS	VPG Sensortronics	65016W Double-Ended Beam	309
VPG Celtron	CLB	VPG Sensortronics	65058A Double-Ended Beam	311
VPG Celtron	DLB	VPG Sensortronics	65040A Double-Ended Beam	314
VPG Revere Transducers	5503	VPG Sensortronics	60040 Single-Ended Beam	304
VPG Revere Transducers	5223	VPG Sensortronics	65040A-1127W Double-Ended Beam	316
VPG Sensortronics	65023 SS	VPG Sensortronics	65023S Single-Ended Beam	301
VPG Sensortronics	65016WH	VPG Sensortronics	65016W Double-Ended Beam	309
VPG Sensortronics	65016W	VPG Sensortronics	65016WH Double-Ended Beam	310
VPG Sensortronics	65040A	VPG Sensortronics	65040S Double-Ended Beam	315

Interchangeable Products VPG Tedea-Huntleigh

Manufacturer	Model	Manufacturer	Model	Page #
Flintec	PCB	VPG Tedea-Huntleigh	1250 Potted Single Point	343
HBM	Z6	VPG Tedea-Huntleigh	355 Single-Ended Beam	327
HBM	PW16	VPG Tedea-Huntleigh	1260 Single Point	340
NMB	C2G1	VPG Tedea-Huntleigh	1022 Single Point	328
Revere Transducers	SHB	VPG Tedea-Huntleigh	355 Single-Ended Beam	327
Rice Lake	RL30000	VPG Tedea-Huntleigh	3411/3421 Single-Ended Beam	324
Rice Lake	RL39123	VPG Tedea-Huntleigh	3411/3421 Single-Ended Beam	324
Rice Lake	RLHT0	VPG Tedea-Huntleigh	3510 kg Single-Ended Beam	326
Rice Lake	RLHBB	VPG Tedea-Huntleigh	355 Single-Ended Beam	327
Rice Lake	RL1521A	VPG Tedea-Huntleigh	1022 Single Point	328
Rice Lake	RL1010	VPG Tedea-Huntleigh	1010 Potted & Unpotted Single Point	329
Rice Lake	RL1042	VPG Tedea-Huntleigh	1042 Single Point	331
Rice Lake	RL1042	VPG Tedea-Huntleigh	1042S Single Point	332
Rice Lake	RL1040	VPG Tedea-Huntleigh	1040 Potted & Unpotted Single Point	333
Rice Lake	RL1140	VPG Tedea-Huntleigh	1140 Single Point	335
Rice Lake	220	VPG Tedea-Huntleigh	220 Compression	337
Rice Lake	RL1260	VPG Tedea-Huntleigh	1260 Single Point	340
Rice Lake	RL1260	VPG Tedea-Huntleigh	1260S Single Point	341
Rice Lake	RL1250	VPG Tedea-Huntleigh	1250 Potted Single Point	343
VPG BLH	C2G1	VPG Tedea-Huntleigh	1022 Single Point	328
VPG Celtron	SQB-HSS	VPG Tedea-Huntleigh	3510 lbs Single-Ended Beam	325
VPG Celtron	HBB	VPG Tedea-Huntleigh	355 Single-Ended Beam	327
VPG Celtron	LPS	VPG Tedea-Huntleigh	1022 Single Point	328
VPG Celtron	LOC	VPG Tedea-Huntleigh	1040 Potted & Unpotted Single Point	333
VPG Celtron	LOC	VPG Tedea-Huntleigh	1250 Potted Single Point	343
VPG Celtron	HOC	VPG Tedea-Huntleigh	1320 Single Point	344
VPG Revere Transducers	5123	VPG Tedea-Huntleigh	3411/3421 Single-Ended Beam	324
VPG Revere Transducers	9123	VPG Tedea-Huntleigh	3411/3421 Single-Ended Beam	324
VPG Sensortronics	65083	VPG Tedea-Huntleigh	3510 lbs Single-Ended Beam	325
VPG Tedea-Huntleigh	1260	VPG Tedea-Huntleigh	1260S Single Point	341
Weigh-Tronix	MK29	VPG Tedea-Huntleigh	1130 Single Point	334

Shipping Information

FREIGHT SERVICES OFFERED	"SMALL PACK"	LTL	TRUCK LOAD
Nationwide Same Day Service	Y*	Y*	N
Same Day, Counter to Counter***	Y	N	N
Next Day (AM)	Y	Y**	Y**
Next Day (END OF DAY)	Y	Y**	Y**
2 Day	Y	Y	Y
3 Day	Y	Y	Y
Ground	Y	Y	Y
Canada	Y	Y	Y
Mexico	Y	Y	Y
Express Freight (Air-over 150 lb)***	Y	Y	N
International (Sea)	Y	Y	Y
International (Air)	Y	Y	N

* Subject to cost/distance

** Subject to distance

*** Subject to flight availability and proximity of nearest airport

Same Day Services

These services do not carry the same service guarantees that standard delivery schedules do and are subject to availability

Small Parcel Services

We ship with internationally recognized parcel carriers based on delivery time and services offered.

Determining Dimensional Weigh for Small Parcel Shipments for Air (& Ground 2015 →)

When shipping via air services, couriers require that the shipping weight be determined by the greater of the actual weight of the boxed product or its dimensional shipping weight. The formula for calculating dimensional shipping weight is as follows:

L x W x H/166 for domestic air shipments and L x W x H/139 for international air shipments. RLWS takes the added precaution of double boxing some of our electronic products and balances. This may result in dimensional weight charges by the carrier when shipping by air. Even with this added precaution, we suggest that you always ship high precision and fragile products via air service.

Less Than Truck Load (LTL)

Full service LTL coverage for the Continental United States, Puerto Rico, Canada and Mexico.

Note: A standard LTL delivery is considered to be one that ships from either a company or partner dock to arrival at a standard commercial address with disposition of the goods at the rear of the truck to enable off loading by material handling equipment provided by the consignee at either ground level or via loading dock. Allied to this, the freight in question should be pelletized and secured in a way to facilitate the safe handling of the freight with no one dimension over 7'6".

Any LTL delivery falling outside of this criteria may well accrue accessorial charges levied by the carrier in line with their tariff rules. It is recommended that any potential accessorial cost are discussed at the time of order placement so that these costs can be billed appropriately at the time of shipment. If this is not the case, RLWS reserves the right to charge the customer retrospectively for any accessorial costs incurred during the delivery process.

Accessorial charges include, but are not limited to the following:

- Lift gate: \$100.00
- Call for appointment: \$40.00
- Guaranteed delivery: Day \$45.00, 10:30 a.m. (where available) \$100.00
- Inside delivery: \$100.00 **NOTE: To inside of first threshold crossed only**
- High cost delivery areas: Excessive length, government sites, and mines, re-delivery, re-consignment, residential and restricted access shipments

Full Truckload

Various truckload providers that give us the ability to ship to the contiguous United States, Alaska, Canada and Mexico

Forwarders (International Freight)

We can provide service through a forwarder of our choice, or select one of your preferred forwarders.

Air Freight: All of our forwarders are internationally recognized brands

Ocean Freight: All of our forwarders are internationally recognized brands

Overseas Ocean Freight: Call for estimated delivery time.





Signed Sealed Delivered... It's yours!

On average, regardless of carrier, 2% of all freight is damaged in transit. Don't let the delivery person slip away. And don't get left holding the bag.

Rice Lake merchandise is packaged carefully to arrive at your location on time, intact and in perfect working order. We don't ship damaged goods, and we work with many of the most reputable national carriers. But know this—anytime a package is sent, as many as 2 out of 100 will be mishandled. To be sure your business doesn't take the hit for someone else's mistake—INSPECT before you sign.

Whether or not the product itself has been damaged, remember—your signature accepts the delivery as is, releasing the carrier and supplier of all liability, unless you take action:

- Make note of any damage to the packaging, no matter how slight, including re-packaging, water damage, scratches to paint, etc. Take photos if possible to back up any necessary claims.
- Do not accept or sign for as “unchecked”—this is not an acceptable disclaimer.
- Where damage to contents is obvious, take photos and refuse the shipment.

Notify your supplier immediately with the claim number provided by the driver. Noting the condition of your delivery upon receipt is the only recourse when making a damage claim. Follow these steps and you'll get replacement merchandise faster, keep costs down and ensure the carrier is held responsible for their mistakes; not you, and not your supplier.

RICE LAKE[®]
WEIGHING SYSTEMS

To be the best by every measure[®]

800-472-6703
www.ricelake.com

SELF HELP FOR SCALE TECHS



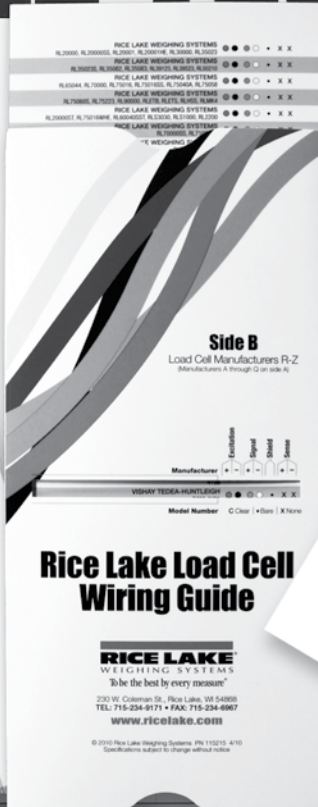
LOAD CELL AND WEIGH MODULE HANDBOOK

A Comprehensive Guide to Load Cell Theory, Construction and Installation

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www.ricelake.com
mobile: m.ricelake.com

Check out our website
www.ricelake.com/lcwm
for this handbook and more helpful information
on load cells and weigh modules



Rice Lake Load Cell Wiring Guide

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"Be the best by every measure"

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Specifications subject to change without notice



Load Cell and Weigh Module Selection Guide

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Load Cell and Weigh Module Resource Center

[Weigh Module Selection](#) |
 [Load Cell Selection](#) |
 [Troubleshooting](#) |
 [Tough Applications](#) |
 [Capacity Vs. Resolution](#) |
 [Construction](#) |
 [Trimming](#) |
 [Resources](#)

How to be Confident You're Installing the Best
Low-quality, poorly constructed weigh modules and load cells often result in expensive repairs and replacements, costly downtime, and dissatisfied customers. So how do you avoid this? More importantly, what should you look for in a load cell or weighing assembly?

Selection involves factors such as working environment and loading conditions. Based on these and other design specifications, Rice Lake Weighing Systems' experienced engineering and design staff has created the most comprehensive line of weigh modules available. Most companies concentrate on one or two types of mounts. We offer over 20 different mount styles, including the industry's only waterproof-guaranteed modules. Coupled with our outstanding selection of load cells manufactured to the highest quality standards, our mounts come complete with everything you need to get started and the unbeatable service support to help you get it done.

The wide variety of weigh modules we manufacture and distribute may leave you wondering what the differences are between certain models and, most importantly, which modules are best suited for your needs. We've broken down our weigh module selection into three application categories. Most operations can be classified into one of these:

Request your copies of handbooks, guides and handouts today. Build your library of Rice Lake information, drawings and data and be in the know on the go.

Check out our website: www.ricelake.com/lcwm for this handbook and more helpful information on load cells and weigh modules.

RICE LAKE
WEIGHING SYSTEMS
"To be the best by every measure"

800-472-6703
www.ricelake.com
m.ricelake.com

Customer Service Contacts

At Rice Lake Weighing Systems we strive to give you the best customer service in the industry. You can depend on our knowledgeable staff to deliver decisive, courteous assistance when you need it most.

Customer Service Representative Hours (CST):
Monday through Friday 6:30 AM to 6:30 PM; Saturday 8:00 AM to Noon

United States and Canada Field Sales



Michael Bordino
Southeast Region
715-434-5079



Tim Campbell
Great Lakes Region
715-434-5067



Jeff Canfield
Allegheny Region
715-434-5081



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Midsouth Region
715-434-5069



Roger Kimber
Northwest Region
715-434-5097



Jim Lynch
Mid-Atlantic Region
715-434-5077



Don Martin
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715-434-5134



Bill Murphy
Heavy Capacity Sales
715-434-5115



Cal Schumacher
Midwest Region
715-434-5430



Scott Schumacher
Northeast Region
715-434-5349



Ian Scott
Eastern Canada Region
715-434-5049



Murray Stewart
Western Canada Region
715-434-5194



Martin Devilla
Rice Lake de Mexico
715-434-5258



Manuel Talancon
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715-434-5041



Jaap Oosterlee
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715-434-5816



Jose Mathew
Middle East/Asia/Africa
715-434-5048



Duco Kroon
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715-434-5804



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715-434-5822

Customer Relations



Mark O. Johnson
Chief Executive Officer



Mark Johnson, Jr.
President



Steve Parkman
Chief Operating Officer



John Hughes
Vice President of
Business Development



Tom Kowalski
Vice President of
Technology



Todd Backer
Vice President of
Engineering and Innovation



Scott Davis
Director of Electronic
Engineering



**Dominic
Hodkiewicz**
Director of Manufacturing



Patrick Ranfranz
Director of Marketing



Walter Hendriks
Managing Director,
Europe



Joe Grell
Vice President Heavy
Capacity



Kevin Marshall
Logistics Manager



Dick Shipman
Quality Manager



Bruce Johnson
Customer Service
Manager



Guru Ganesh
Director, India Operations

Inside Sales



Deanna Stanley
Inside Sales Supervisor



Terica Schamberger
Sales Referral Coordinator



Janelle Alton



Andrew Burish



Linda Burmester



Becky Clausen



Dave Jalowitz



Karja Keller



Jennifer Krahenbuhl



Tricia Larson



Len Nicpon



Brittny Olson



Tom Peterson



Russ Schnacky



Rob Shofner



John Tennant



Lynnette Thompson



Kally Wagner

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Ben Fauske
Technical Sales Supervisor



John Eisele



Doug Hagie



Darin Ides



Sharon Miller



Efrain Molinari
Habla Español



Marvin Stodola

Technical Support



Sam Brower



Chuck Crowley



Alan Dobrowolski



Joe Heinicke



Patrick Hillman



Mark Hopland



Preston Reed



Greg Stager Jr.



Scott Ross



Layne Siverling



Mark Ware



Don O'Connell
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Savanah Emerson
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715-434-5466



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Livestock Scales
715-434-5293



Joe Giglio
Medical
715-434-5068



Thomas Kendall
Onboard Systems
715-434-5177



Jeff Malinowski
MMU Sales Director



Jeff White
MMU Sales Associate

Mobile Marketing Unit

Customer Service Contacts Continued

Repair Department



Phil Stoerber
Electronic Assembly
Repair Manager



Diane Gagner
Warranty>Returns



Lisa Maciosek
Warranty>Returns



TOM AEBLY



Randee Bauch



Art Folstad



Les Karpel



Dale Koehler



Tracy Lavalere



Landon Nielson



Dan Tronstad

MSI



Tim Carroll
National Sales Manager



Ron Wenzel
Vice President
International Sales and
Aviation Products



Phil Gray
Director of Operations



Dave Taylor
Director of Engineering



Jim Norvid
Mechanical Engineering
Manager

Heavy Capacity Sales



Karen Hansen



Eric Torrison



Tony Zillmer



Peter Allen
Export Customer
Service Supervisor



Connie Genatempo
International
Sales Specialist



Gloria Miranda
Habla Español



Bobbie Stiver
Habla Español
Parle Français

International Region

Financial Services



Sandy Raby
Financial Services
Manager



Wendy Boese



Nicole Dostal



Marcia Fankhauser



Tammy Kline



**Michelle
Niederhauser**



Angela Santillan

Receptionists



Vivian Kroon
Europe



Lynette Marshall



Kathleen Miller



Shannon Ullom

Featured Product



RLTM

RLTMp. 66

The RLTM weigh module assembly features a stainless steel, welded sealed RL30745 load cell and a fully stainless mount including all associated hardware. Using a rocker pin-loading concept, this design provides accurate weighing in most conditions. Standard features include both overload and overlift protection, making it ideal for most outdoor low-capacity tank and vessel weighing applications. Each Rice Lake RLTM module is provided standard with one load cell with 30ft of cable and one mount.



Warranty

Rice Lake Weighing Systems (RLWS) warrants that all RLWS brand equipment and systems properly installed by a Distributor or Original Equipment Manufacturer (OEM) will operate per written specifications as confirmed by the Distributor/OEM and accepted by RLWS. All systems and components are warranted against defects in materials and workmanship for one (1) year from the date of shipment from RLWS, unless otherwise stated in the product catalog or manual.

RLWS warrants that the equipment sold hereunder will conform to the current written specifications authorized by RLWS. RLWS warrants the equipment against faulty workmanship and defective materials. If any equipment fails to conform to these warranties, RLWS will, at its option, repair or replace such goods returned within the warranty period subject to the following conditions:

- Upon discovery by Buyer of such non-conformity, RLWS will be given prompt written notice with a detailed explanation of the alleged deficiencies.
- Individual electronic components returned to RLWS for warranty purposes must be packaged to prevent electrostatic discharge (ESD) damage in shipment. Packaging requirements are listed in the publication, "Protecting Your Components From Static Damage in Shipment," available from RLWS Equipment Return Department.
- Examination of such equipment by RLWS confirms that the non-conformity actually exists, and was not caused by accident, misuse, neglect, alteration, improper installation, improper repair or improper testing. RLWS shall be the sole judge of all alleged non-conformities.
- Such equipment has not been modified, altered or changed by any person other than RLWS or its duly authorized repair agents.
- RLWS will have a reasonable time to repair or replace the defective equipment. Buyer is responsible for shipping the product to RLWS. RLWS is responsible for shipping the product back to the customer.
- In no event will RLWS be responsible for travel time or on-location repairs, including assembly or disassembly of equipment. Nor will RLWS be liable for the cost of any repairs made by others.

These warranties exclude all other warranties, expressed or implied, including without limitation warranties of merchantability or fitness for a particular purpose. Neither RLWS nor distributor will, in any event, be liable for incidental or consequential damages.

RLWS and buyer agree that RLWS' sole and exclusive liability hereunder is limited to repair or replacement of such goods. In accepting this warranty, the buyer waives any and all other claims to warranty.

Should the seller be other than RLWS, the buyer agrees to look only to the seller for warranty claims.

No terms, conditions, understanding or agreements purporting to modify the terms of this warranty shall have any legal effect unless made in writing and signed by a corporate officer of RLWS and the Buyer.

Load Cell Non-Warranty Evaluation Notice

Effective April 1, 2006, Rice Lake Weighing Systems has applied a per unit flat rate change of \$45 for non-warranty product evaluations.

This change only applies to items returned outside the specific product warranty period and will be waived if you proceed with a billable repair.

Customer Assistance

Product Support

Rice Lake Weighing Systems strives to provide you with the most current and accurate information in our Load Cell Guide. Manufacturers occasionally change specifications or prices after the publication is printed, which is beyond our control. Please consult our sales staff or our website at www.ricelake.com for the most current information.

Returns

Our commitment to our distributors states that if any standard product purchased from Rice Lake Weighing Systems does not work, or if the incorrect product is shipped, return it in its original shipping container with all accessories for full credit or replacement within 30 days of purchase. Always inspect the product upon receipt.

Please note that if the incorrect amount of product was shipped, Rice Lake Weighing Systems must be contacted within 30 days of the purchase. Upon notification, we will immediately correct the situation.

We may, at our option, assess a restocking charge if the equipment was incorrectly specified for the application intended, and/or damaged beyond reasonable repair. The restocking charge is directly proportional to the amount of time and material required to return the item to resalable condition—we will make every effort to do this quickly and economically. Equipment that has been abused and/or shows signs of excessive wear, and cannot be reconditioned and resold, will not be accepted for return.

As Applied to Drop Shipments

All Rice Lake Weighing Systems return guidelines apply to products drop-shipped to your end-user customer. If a perceived error occurs, Rice Lake Weighing Systems will investigate to the best of our ability to determine if the error occurred prior to shipping, during shipping or at the end-user site. If our records and subsequent investigation indicate that the shipment was correct when it left our factory, our responsibility extends only to the distributor, not their end-user. Our standard product warranty notes that our coverage extends only to equipment and systems properly installed by a distributor.

Trademark Recognition

The following product names, logos, brands, and other trademarks featured or referred to within this publication are the property of their respective trademark holders.

Revere Technologies®
DigiTol®
Flintec®
Artech®
VPG - Celtron®
VPG - Sensortronics®
VPG - Tedea-Huntleigh®
HBM®
Mettler-Toledo®
Toledo™
NCI™
Howe™
PreVent™
Cardinal®
Masstron®
Fairbanks®

Weigh-Tronix®
Avery Weigh-Tronix®
Thurman®
Unibrige®
Howe Richardson®
Streeter Amet®
VPG - BLH®
NMB®
Streeter Richardson®
Interface®
VPG - Revere Transducers®
NV Technology®
Pennsylvania®
Power Cell®
Hecon®

Terms and Conditions

The terms “Buyer,” “Authorized Reseller,” and “Customer” as used herein, shall mean the party placing the purchase order with Rice Lake Weighing Systems. No contractual relationship between Rice Lake Weighing Systems and said party shall arise until such time as a purchase order has been accepted by Rice Lake Weighing Systems and such acceptance has been indicated on a written acknowledgment. Tenders which do not stipulate an acceptance period shall not be binding. Orders shall be subject to Rice Lake Weighing Systems’ standard terms and conditions as printed below, subject to correction for clerical errors.

These Sales Terms and Conditions shall be binding if declared applicable in the tender or in the order acknowledgement. Any conditions stipulated by the Buyer which are in contradiction to these Sales Terms and Conditions shall only be valid if expressly acknowledged by Rice Lake Weighing Systems in writing.

1. Prices

(a) Rice Lake Weighing Systems (RLWS) prices are net 30 days EX Works RLWS plant. Orders are subject to approval of our credit department with rights reserved to change or withdraw credit terms without notice and to terminate any orders when invoices for work done thereon have gone unpaid for 60 days.

(b) Prices do not include taxes of any kind by federal, state, municipality or other governmental authority, which RLWS may be required to collect or pay with respect to the sale or shipment of goods sold hereunder. Regardless of when any such taxes are determined or become payable, all taxes would be the responsibility of the Customer and would be in addition to the prices quoted hereon.

(c) This quotation is made upon the basis of the cost of materials and labor as of the date of this quotation. A change in such costs shall give RLWS the right to alter prices to reflect such changes in cost.

2. Shipment, Title, Risk of Loss

(a) All shipments are EX Works point of shipment. Title and risk of loss or damage passes to the Customer upon presentation of the goods to the Customer’s carrier at RLWS’s facility, except that title and risk of loss or damage as to Customer’s partially manufactured parts and raw materials delivered to RLWS, and as to jigs, fixtures and tools specially ordered for the Customer shall at all times remain with the Customer.

(b) RLWS does not carry fire insurance upon jigs, fixtures and tooling built by RLWS for Customers or supplied to RLWS by Customers, nor does RLWS carry insurance upon raw materials supplied to RLWS by Customers. Customers assume all risk of loss, damage or destruction of jigs, fixtures, tooling or raw materials belonging to the Customer in RLWS custody caused by fire, water, gas, acts of God, strikes, insurrection, riots or by acts of the civil or military authorities and whether or not such loss, damage or destruction was the result of our negligence or misconduct or that of our agents or employees. The Customer agrees to indemnify and hold RLWS harmless from all direct and consequential costs and damages resulting from such loss.

(c) Except as hereinabove stated, we agree to maintain all jigs,

fixtures and tooling built by RLWS in working condition for their normal life only, except that our liability in this respect shall not extend more than one year after the completion of the most recent production order.

3. Quantity, Materials and Tolerances

(a) Unless dimensions are limited by a specific tolerance, it is understood that the production variations as published by RLWS will be acceptable.

(b) RLWS will not be responsible for color, thickness variations, or flaws in sheets or parts from which fabrications are made, nor for other material variations beyond our control.

(c) RLWS assumes no responsibility for loss or damage occurring by reason of delay or inability to deliver caused by fires, strikes, accidents, embargoes, car shortages, delays of carriers, insurrection, riots, acts of the civil or military authorities, nor will we assume responsibility for any reason whatever for damages of any kind on account of failure to deliver at the time specified. The Customer shall indemnify and hold RLWS harmless from all direct and consequential costs and damages resulting from such loss or delay.

(d) Unless otherwise specified, delivery of 10 percent more or less of completed parts than the quantity specified shall constitute fulfillment of this order and any excess not exceeding 10 percent shall be accepted and paid for by the Customer.

(e) In the event any raw material specified for incorporation into the product covered by this proposal shall become unavailable, RLWS shall notify the Customer and the Customer may direct RLWS to substitute available material for that originally specified, it being understood and agreed that the Customer shall assume any and all consequences resulting from such substitution.

4. Patents

If this quotation covers parts made specifically for the Customer, the Customer agrees to indemnify and hold RLWS harmless against any loss resulting from infringement of patents or trademarks, or from claims of such infringements and shall pay all legal and defense costs incurred by RLWS in the defense of such actions.

5. Software

Unless specifically otherwise stated, any and all software associated or part of any product sold, loaned on trial or demonstration to the Customer is to be considered proprietary to RLWS. The Customer agrees not to duplicate for distribution or to sell or distribute in any way without the prior written consent of RLWS.

6. Changes And Cancellation: Rejection, Claims

(a) Orders placed with RLWS are not subject to cancellation, change or reduction in amount, or suspension of deliveries except with RLWS’s consent and upon terms that indemnify RLWS against loss. Unless confirmed in writing, all verbal agreements are void.

(b) RLWS will not be responsible for changes in design, deliveries or other instructions, unless they are furnished in writing. The Customer agrees to pay for all tooling charges caused by changes in design or specifications.

Terms and Conditions

(c) Samples submitted shall be deemed approved unless written rejection is received within two weeks of submission.

(d) Manufactured parts will be shipped and billed as they are produced.

(e) Claims for shortage or rejections for defects must be made within 10 days of receipt of goods. Credit will be rendered on such defective parts after we have had an opportunity to inspect them, provided they are returned to our factory, transportation charges prepaid, within 30 days, and provided they have not been altered or defaced in any way.

7. Tooling and Designing

(a) In consideration of the engineering service necessary in the designing of jigs, fixtures and tooling not being charged for, but being quoted on the basis of labor and material only, and not at their fair market value, such jigs, fixtures and tooling shall remain in our possession for at least one year. Thereafter, the Customer desiring delivery of such jigs, fixtures and tooling shall pay an engineering charge of 50 percent of the original price of said jigs, fixtures and tooling and accept same as is.

(b) When requested, we will submit suggestions concerning design and construction of parts, but we will not accept responsibility of liability for the practicability of these suggestions if adopted by the Customer.

8. Delivery and Adjustment to Price

(a) If the Customer requests that the goods be manufactured and shipped on a date (or dates) earlier than originally agreed to by RLWS and the Customer, and RLWS agrees to the earlier date (or dates), any increase in the cost of performance incurred by RLWS resulting from earlier manufacture and shipment will be included in an adjustment of the purchase price to be made by RLWS and will be paid by the Customer.

(b) Should shipments be held beyond scheduled date for convenience of the Customer, goods will be billed and charges will be made for warehousing, trucking, and other expenses incident to such delay. Reasonable and sufficient care is taken by RLWS in crating its goods. RLWS cannot be held responsible for breakage after having received "in good order" receipts from the transportation carrier. All claim for loss and damage must be made by the Customer to the carrier, but we will assist insofar as practical in securing satisfactory adjustment of such claims.

9. Payment and Liens

(a) All invoices shall be due and payable when submitted for payment in accordance with the revisions of RLWS terms. No withholding of funds, back charges or credits against amounts otherwise due to RLWS will be permitted unless specifically agreed to in writing by RLWS. Settlement of any amounts due Customer will be negotiated as separate items and not as offsets against amounts otherwise due to RLWS from the Customer for products sold hereunder.

(b) Any unpaid account for work done shall constitute a lien on any jigs, fixtures, manufactured parts, and raw materials in RLWS possession. In the event any account remains open and unpaid for 90 days, RLWS reserves the right to use the Customer's jigs and fixtures to make parts therefrom, and to sell or dispose of manufactured parts and raw materials.

(c) The Customer shall not assign or transfer any rights or obligations arising from this proposal, or monies payable thereunder, without the prior written consent of RLWS, and any such assignment or transfer made without such written consent shall be deemed null and void.

10. Additional Provisions

(a) Errors—Stenographic and clerical errors are subject to correction.

(b) These terms and conditions constitute the entire contract between the Customer and RLWS, transcending any oral arrangements or representations which may be inconsistent therewith.

(c) This quotation is made under and shall be governed by the laws of the state of Wisconsin.

11. Resale of Rice Lake Weighing Systems Products

In order to ensure compliance with the U.S. Export Administration Regulations we ask you to comply with the following:

(a) The Customer shall not export or re-export Rice Lake Weighing System products, either directly or indirectly, in contravention of any applicable law, statute or regulation and will first obtain any required licenses or authorizations from the relevant government authority when necessary as prescribed by law.

(b) The Customer confirms that it is familiar with and complies with the relevant national and international export control regulations and embargo regulations. The Customer furthermore confirms that it is in particular familiar with and complies with the U.S. Department of Commerce, Export Administration Regulations; U.S. Department of Treasury, OFAC Sanctions; the U.S. Department of Defense, ITAR requirements and the U.S. Department of State regulations.

(c) If deemed necessary, Rice Lake Weighing Systems, in individual cases may make further requests from the Customer for information required for export compliance.

(d) Should it be necessary for the Customer to obtain an export license from the appropriate authorities pursuant to the aforementioned regulations, the Customer shall apply for such a license autonomously and at their own expense.

The foregoing warranties are exclusive and in lieu of all other express and implied warranties whatsoever, including but not limited to implied warranties of merchantability and fitness for a particular purpose. RLWS shall not be subject to any other obligations or liabilities whatsoever with respect to parts manufactured or supplied by RLWS or services rendered by it.

Anything herein to the contrary notwithstanding, RLWS shall not be liable for incidental and consequential damages, and in substitution for all remedies which the Customer may have under any applicable law. The Customer's sole and exclusive remedy against RLWS for any breach of warranty or any other breach relating to goods delivered pursuant hereto shall be for repair or replacement (at RLWS's option) of the goods or parts effected by such breach.

Using Ingress Protection (IP) Ratings

For load cell sealing techniques, Rice Lake Weighing Systems uses the Ingress Protection (IP) rating system. We find the IP numbers and their definitions are suitable for the classification of load cells and only apply IP numbers to such cells. The IP numbers on a load cell further specify the treatment a specific cell can endure in environments more severe than simple washdown.

Example: Protection level offered by an IP67 rated product

IP 67

Protection against solid objects

First number (in this case 6)

- 0 No protection
- 1 Protected from solid objects up to 50 mm (e.g., accidental touch by hands)
- 2 Protected from solid objects up to 12 mm (e.g., fingers)
- 3 Protected from solid objects more than 2.5 mm (e.g., tools and small wires)
- 4 Protected from solid objects more than 1 mm (e.g., small wires)
- 5 Protected from dust; limited entrance (no harmful deposit)
- 6 Totally protected from dust

Protection against liquids

Second number (in this case 7)

- 0 No protection
- 1 Protected from vertically-falling drops of water (e.g., condensation)
- 2 Protected from direct sprays of water up to 15° from vertical
- 3 Protected from direct sprays of water up to 60° from vertical
- 4 Protected from water sprayed from all directions; limited entrance allowed
- 5 Protected from low pressure jets of water from all directions; limited entrance allowed
- 6 Protected from strong jets of water (e.g., for use on ship decks); limited entrance allowed
- 7 Protected from the effects of immersion between 15 cm and 1 m for 30 minutes
- 8 Protected from extended periods of immersion under pressure

IP Numbers with Hermetically Sealed (HS) or Environmentally Protected (EP) Ratings

Rating	Protection
EP	Dust proof, not protected from moisture or water
IP65	Dust proof, protected from splashes and low-pressure jets
IP66	Dust proof, protected from strong water jets
IP67	Dust proof, protected from temporary immersion in water 1 meter deep for 30 minutes
IP68	Dust proof, protected from continuous immersion in water under more severe conditions than IP67
IP66/68	Dust proof, protected from strong water jets and/or constant immersion
IP69K	Dust proof, protected from high pressure washing and steam cleaning

All load cell cables should be run through conduit to increase protection against moisture ingress

Weigh Module Application



This Weigh Module Application Form will help you and your customer choose the best weigh module kit for their application. It has the most commonly asked questions and the back can be used to sketch the application, make notes or draw the bolt pattern needed to mate the legs and mount plates. A copy should be made for your files for future reference.

CONTACT INFORMATION

Sales Organization _____ Sales Person _____
Dealer/Customer Number _____ Email _____
Phone _____ Address _____
City _____ State _____ Zip _____

APPLICATION NOTES

Is the application wash down? Yes No High Pressure Steam
Ambient temperature that load cells will be exposed to _____
List of chemicals that load cells will be exposed to _____
Is weighing environment considered explosive, if so please provide class, group and division area is classified as _____

Is FM approval required for the load cells? Yes No
Is ATEX approval required for the load cells? Yes No
Are NTEP load cells required? (Legal for Trade) Yes No

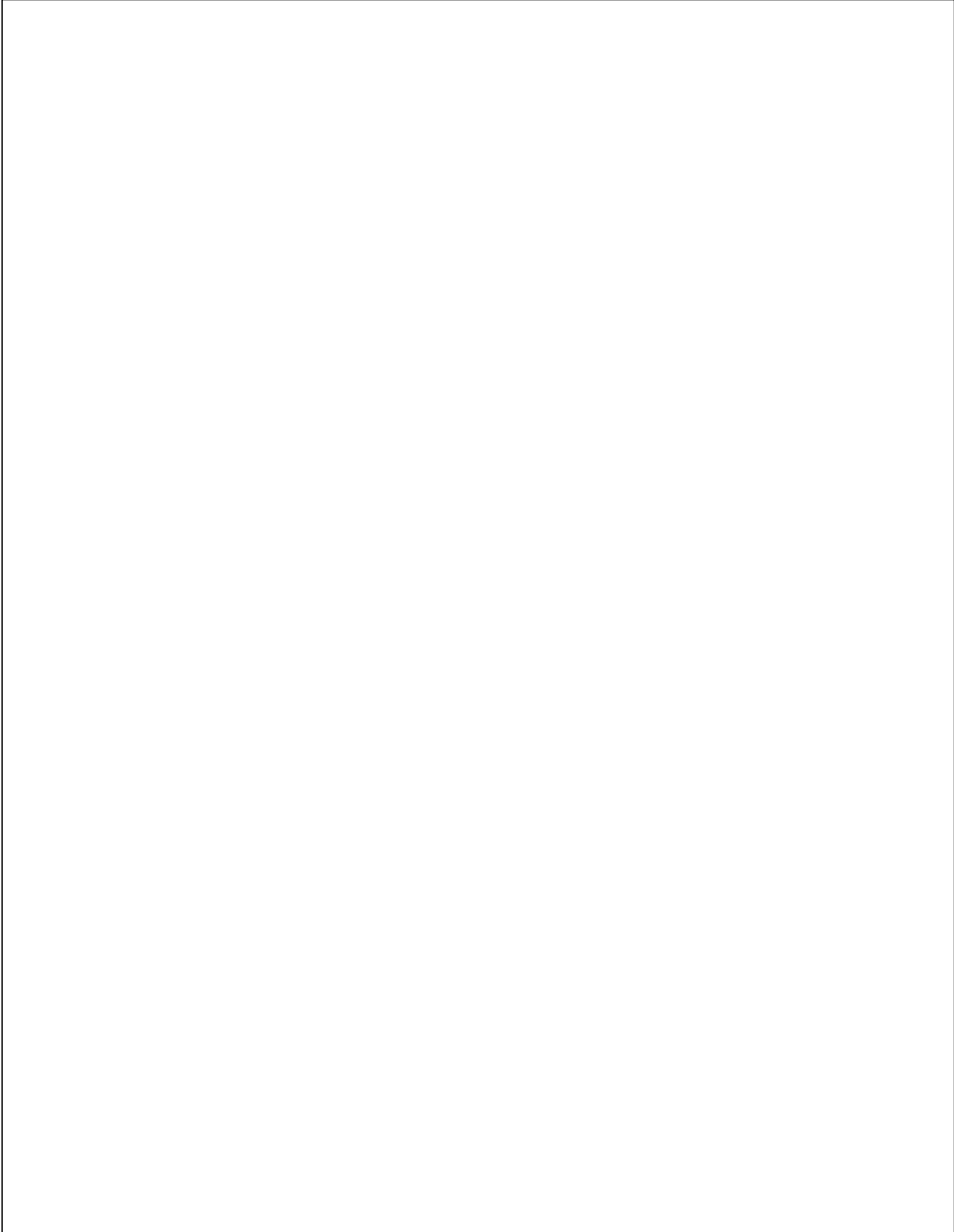
Type of vessel being weighed _____
 Tension Compression Vertical Horizontal
Configuration of vessel? Round Square Rectangle
Number of supports or weigh points? _____
Product being weighed _____

Desired material of load cell? Stainless Alloy steel Aluminum
Desired material of mount assembly? Stainless Alloy steel
Live load of material? _____ lbs _____ kgs
Dead load of vessel? _____ lbs _____ kgs
Any mixers or motors that are part of the vessel. If yes, location and size (horsepower) _____

Will there be shock loading? Yes No If yes, provide calculation or description _____

Notes: _____

Any modifications desired for the weigh module, ie top or bottom plate size, bolt hole pattern?
If so, please provide sketch below:



SURVIVOR Weigh Modules

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to see all RLWS materials
available in Spanish

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or referred to within this publication are the property of their respective trademark holders.

SURVIVOR Paramounts® HE

Medium-Capacity Weigh Module Systems



Picture is a representation of actual product

Consisting of three different weigh module designs, the Paramounts system offers superior accuracy, even in applications with extreme expansion, contraction and vibration. The fixed-pin module acts as the vessel's primary reference point, enabling rotation. A single side-stop module is then paired with the fixed-pin module to permit mechanical expansion and contraction in one direction. The vessel then becomes a high-accuracy weighing system with the addition of one to six free-sliding modules. This system offers the free motion necessary to eliminate unwanted mechanical side loads, as well as the strength needed to keep the vessel in check. This gives the Paramounts system its industry-leading reputation for exceptional accuracy in unfriendly environments.

Integral jacking/shipping bolts enhance safety by preventing accidental lift-off, facilitate quick field removal of load cells and eliminate load cell damage during transportation. Matched outputs and field-replaceable cable simplify installation and enhance serviceability. As a system, Paramounts represent the ultimate combination of convenience, accuracy and control.

Standard Features

- Capacities (per module): 520 lb-22,500 lb (2.3 kN/102.1 kg-100 kN/10,205.9 kg)
- All stainless steel construction
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Hermetically sealed stainless steel load cells
- Load cell outputs are matched to $\pm 0.07\%$, minimizing maintenance costs
- Unique design allows for thermal expansion/contraction
- Low-profile, self-checking design
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique patented blind load hole technology minimizes unwanted side and eccentric loading
- Vessel is free to slide laterally on PTFE-coated surfaces
- Two-year limited warranty

Applications

- Medium-capacity, high-vibration mixers, blenders and tanks in temperature extremes
- Chemical batching/blending
- Pharmaceutical processing
- Food processing
- Petroleum refining and batching

Optional Features

- NTEP Certified load cells available: capacities 1125-11,250 lb
- OIML-certified load cells available: capacities 1125-11,250 lb

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 1 fixed-pin module, 1 side-stop module, and 1 or 2 free-sliding assemblies. Each module is complete with a FLINTEC SB4 or SB10 (520 lb) stainless steel hermetically sealed load cell
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

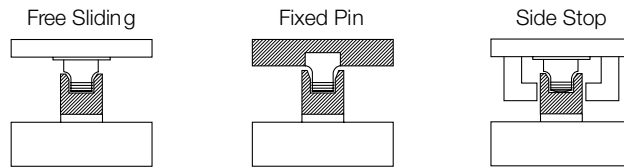
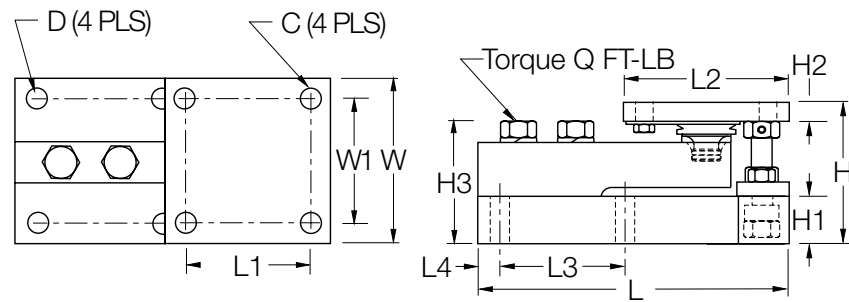
Load Cell Certifications



NOTE: Check with your local Weights & Measure officials for suitability in Legal for Trade applications.

SURVIVOR Paramounts® HE

Medium-Capacity Weigh Module Systems



Dimensions

RATED CAPACITY	C	D	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4	W	W1	Q (FT- LB)	
lb/inches																
520 (2.3 kN)	.375	.437	3.49	1.00	.50	.75	2.98	7.51	3.00	4.00	3.00	.50	4.00	3.00	65	
1125-5200 (5-23 kN)	.437	.437	3.58	1.25	.50	.75	3.06	7.51	3.00	4.00	3.00	.50	4.00	3.00	65	
11,250 (50 kN)	.562	.562	4.66	1.50	.62	1.00	4.09	9.19	3.87	5.00	3.87	.56	5.00	3.87	295	
22,500 (100 kN)	.688	.688	6.41	2.00	.75	1.25	5.73	11.46	4.75	6.00	4.75	.69	6.00	4.75	515	
kg/mm																
236.1	9.5	11.1	88.6	25.4	12.7	19.1	75.7	190.8	76.2	101.6	76.2	12.7	101.6	76.2		
510.8-2360	11.1	11.1	90.9	31.8	12.7	19.1	77.7	190.8	76.2	101.6	76.2	12.7	101.6	76.2		
5107.5	14.3	14.3	118.4	38.1	15.7	25.4	103.9	233.4	98.3	127.0	98.3	14.2	127.0	98.3		
10,215.0	17.5	17.5	162.8	50.8	19.1	31.8	145.5	291.1	120.7	152.4	120.7	17.5	152.4	120.7		

kN = Kilonewtons

* Side Stop and Free Sliding Units

** Fixed Pin Units

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
NTEP/OIML C3 3-Module Kit		
1125 lb (5 kN/510.8 kg)	29883	\$3,395.00
2250 lb (10 kN/1021.5 kg)	29884	3,395.00
5200 lb (23 kN/2360.8 kg)	29885	3,395.00
11,250 lb (50 kN/5107.5 kg)	29886	4,595.00
NTEP/OIML C3 4-Module Kit		
1125 lb (5 kN/510.8 kg)	29879	4,495.00
2250 lb (10 kN/1021.5 kg)	29880	4,495.00
5200 lb (23 kN/2360.8 kg)	29881	4,495.00
11,250 lb (50 kN/5107.5 kg)	29882	5,795.00

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
Non-NTEP 3-Module Kit		
520 lb (2.3 kN/236.1 kg)	38207	\$3,840.00
1125 lb (5 kN/510.8 kg)	17991	3,295.00
2250 lb (10 kN/1021.5 kg)	17992	3,295.00
5200 lb (23 kN/2360.8 kg)	17993	3,295.00
11,250 lb (50 kN/5107.5 kg)	17994	4,295.00
22,500 lb (100 kN/10,215.0 kg)	17995	4,895.00
Non-NTEP 4-Module Kit		
520 lb (2.3 kN/236.1 kg)	38208	5,025.00
1125 lb (5 kN/510.8 kg)	17998	4,295.00
2250 lb (10 kN/1021.5 kg)	17999	4,295.00
5200 lb (23 kN/2360.8 kg)	18000	4,295.00
11,250 lb (50 kN/5107.5 kg)	18001	5,395.00
22,500 lb (100 kN/10,215.0 kg)	18002	6,795.00
*Conduit Adapter, 1/2-14 NPT	17703	35.00

*Must be factory installed

RL 1700HE

Light-to Medium-Capacity Weigh Modules



Picture is a representation of actual product

The 1700HE offers precision-machined, weldless construction to maximize pressure washdown cleaning effectiveness. This design, coupled with integral jacking/shipping bolts, eases installation and minimizes maintenance costs. OIML C3-certified load cells in capacities from 5 kg to 5,000 kg provide accurate, consistent weightments. Ideal for multi-ingredient micro-batching applications, the 1700HE provides exceptional performance in hostile environments. The unique design of the 1700HE isolates the load cell from side loads, overloads, minimizing load cell mechanical damage and eliminating the need for extraneous hardware. The 1700HE offers a guaranteed waterproof rating to ensure reliable performance in moisture-laden environments.

Standard Features

- All stainless steel construction
- Hermetically sealed, stainless steel load cells, IP66/68, guaranteed waterproof
- OIML Certified load cells from 5 kg-5,000 kg
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Self-checking with lift-off/tip-over protection and jacking/shipping bolts
- Load cell is isolated from overload in all directions
- Weldless construction retains less residue and allows fast, thorough cleaning
- Two-year limited warranty

Applications

- Multi-ingredient micro-batching
- Meat and poultry processing
- Chemical batching/blending
- Dye/ink blending

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal-trim junction box
- 3 or 4 1700HE stainless steel compression mounts
- 3 or 4 RLHBB (5-250 kg) or RLHTO (500-5000 kg) stainless steel, hermetically sealed single-ended beam load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

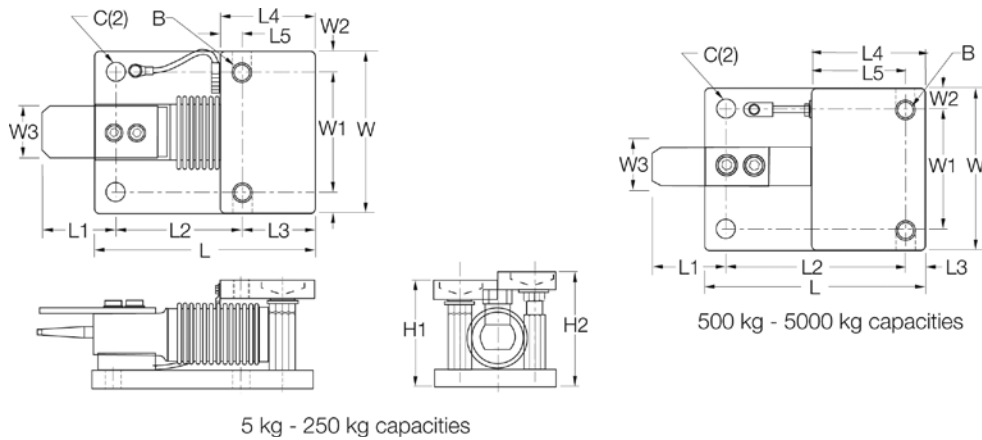
Load Cell Certifications



Available upon request

RL 1700HE

Light-to Medium-Capacity Weigh Modules



Dimensions

RATED CAPACITY	C	B	*H1	**H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3
kg/mm														
5-250	12.9	1/2-20 UNF	80.0	86.1	131.8	64.0	76.0	42.0	56.0	14.0	96.0	70.0	13.0	25.4
500-2000	20.0	5/8-18 UNF	101.6	109.1	165.0	70.0	130.0	15.0	80.0	64.5	110.0	70.0	20.0	30.0
5000	20.0	3/4-10 UNF	135.0	143.0	215.0	81.0	161.0	20.0	90.0	70.5	150.0	90.0	30.0	40.0
lb/inches														
11-550	.40	1/2-20 UNC	3.13	3.39	5.19	2.52	2.99	1.65	2.20	.55	3.99	2.76	.51	1.00
1100-4400	.78	5/8-18 UNC	4.00	4.32	6.50	2.76	5.12	.59	3.15	2.54	4.33	2.76	.79	1.18
11,000	.78	3/4-10 UNC	5.31	5.63	8.46	3.19	6.34	.79	3.56	2.78	5.91	3.54	1.18	1.57

* In weighing position

** In jacked-up position for load cell shipping or removal

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
OIML C3-Certified Load Cells Included		
5 kg (11.0 lb)	32687	\$825.00
10 kg (22.0 lb)	32688	825.00
20 kg (44.1 lb)	32689	825.00
50 kg (110.2 lb)	32690	825.00
100 kg (220.5 lb)	32691	825.00
200 kg (440.9 lb)	32692	825.00
250 kg (551.2 lb)	32693	825.00
500 kg (1102.3 lb)	32974	995.00
1000 kg (2204.6 lb)	32973	995.00
2000 kg (4,409.2 lb)	32972	995.00
5000 kg (11,023.1 lb)	32971	1,225.00

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
3-Module Kit		
5 kg (11.0 lb)	32920	\$2,675.00
10 kg (22.0 lb)	32921	2,675.00
20 kg (44.1 lb)	32922	2,675.00
50 kg (110.2 lb)	32923	2,675.00
100 kg (220.5 lb)	32924	2,675.00
200 kg (440.9 lb)	32925	2,675.00
250 kg (551.2 lb)	32926	2,675.00
500 kg (1102.3 lb)	32980	3,185.00
1000 kg (2204.6 lb)	32981	3,185.00
2000 kg (4,409.2 lb)	32982	3,185.00
5000 kg (11,023.1 lb)	32983	3,995.00
4-Module Kit		
5 kg (11.0 lb)	32927	3,500.00
10 kg (22.0 lb)	32928	3,500.00
20 kg (44.1 lb)	32929	3,500.00
50 kg (110.2 lb)	32930	3,500.00
100 kg (220.5 lb)	32931	3,500.00
200 kg (440.9 lb)	32932	3,500.00
250 kg (551.2 lb)	32933	3,500.00
500 kg (1102.3 lb)	32984	4,180.00
1000kg (2204.6 lb)	32985	4,180.00
2000 kg (4,409.2 lb)	32986	4,180.00
5000 kg (11,023.1 lb)	32987	4,895.00

RL1600 HE

Medium-Capacity Weigh Modules



Available in configurations with three or four mounting assemblies.
Picture is a representation of actual product

The RL1600 HE Mounting Module Kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 HE kit is ideally suited for indoor and outdoor process control operations in the medium-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.

Fabricated stainless steel module with
RL75016 WHE double-ended beam load cell.



Standard Features

- Capacities (per module): 1000-25,000 lb (453.6-11,339.8 kg)
- All stainless steel construction
- Self-checking easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Hermetically sealed IP66/68 protected load cells
- Double-ended shear beam design, center loaded

Applications

- Medium-capacity tanks, bins and hoppers
- Bulk material management
- Ingredient batching, mixing and blending

Complete Kit Includes

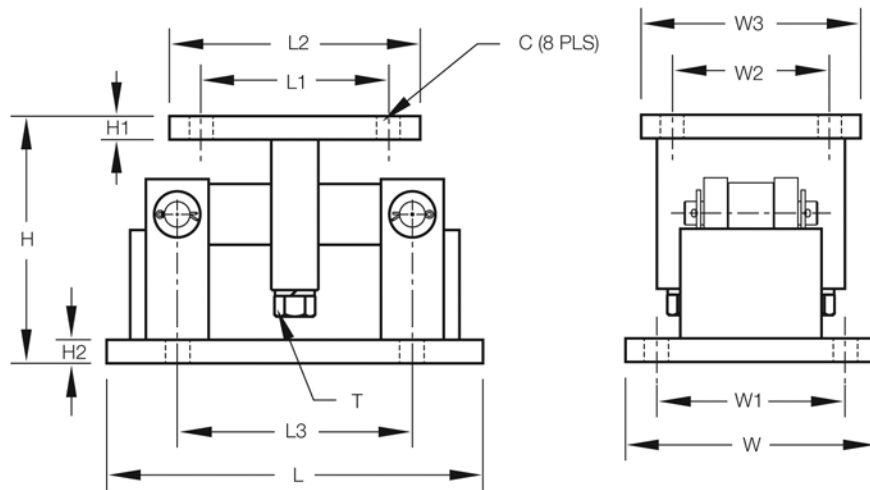
- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 RL1600 stainless steel compression mounts
- 3 or 4 RL75016 WHE stainless steel, hermetically sealed double-ended shear beam load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications



RL1600 HE

Medium-Capacity Weigh Modules



Dimensions

RATED CAPACITY	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/inches													
1000-5000	.56	5.00	.50	.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000-25,000	.78	7.87	.75	.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
kg/mm													
453.6-2268.0	14.2	127.0	12.7	12.7	235.0	69.9	101.6	158.8	1/2-13 UNC	127.0	95.3	69.9	101.6
4535.9-11,339.8	19.8	199.9	19.1	19.1	304.8	152.4	203.2	190.5	3/4-10 UNC	203.2	152.4	152.4	203.2

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
3-Module Kit		
1000 lb (453.6 kg)	46723	\$3,895.00
1500 lb (680.4 kg)	119673	3,895.00
2000 lb (907.2 kg)	119675	3,895.00
2500 lb (1134.0 kg)	46724	3,895.00
5000 lb (2268.0 kg)	46725	3,895.00
10,000 lb (4535.9 kg)	46726	5,495.00
15,000 lb (6803.9 kg)	46727	5,495.00
20,000 lb (9071.9 kg)	84664	5,495.00
25,000 lb (11,339.8 kg)	46728	5,495.00
4-Module Kit		
1000 lb (453.6 kg)	46729	4,910.00
1500 lb (680.4 kg)	119674	4,910.00
2000 lb (907.2 kg)	119676	4,910.00
2500 lb (1134.0 kg)	46730	4,910.00
5000 lb (2268.0 kg)	46731	4,910.00
10,000 lb (4535.9 kg)	46732	7,305.00
15,000 lb (6803.9 kg)	46733	7,305.00
20,000 lb (9071.9 kg)	84665	7,305.00
25,000 lb (11,339.8 kg)	46734	7,305.00

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
Single Module (Does not include Load Cell)		
1000-5000 lb (453.6-2268.0 kg)	17813	\$565.00
10,000-25,000 lb (4535.9-11,339.8 kg)	17815	1,095.00
Dummy Load Cells (Mild Steel)		
1000-5000 lb (453.6-2268.0 kg)	18236	20.00
10,000-25,000 lb (4535.9-11,339.8 kg)	18237	35.00
Equalizer Pads		
1000 lb-5000 lb	Consult	Consult
10,000 lb-25,000 lb	Consult	Consult

Shims

	PART #	PRICE
1K-5K		
0.0625	150852	\$3.25
0.125	150853	8.50
0.250	150854	14.25
10K-25K		
0.0625	150855	12.75
0.125	150856	20.50
0.250	150857	57.00
50K-75K		
0.0625	150858	16.25
0.125	150859	26.25
0.250	150861	72.25

Shims match the top plate

RL1855 HE

Medium-Capacity Weigh Modules



Picture is a representation of actual product

The internal height adjustment feature of the RL1855HE reduces the need for shims or external hardware, simplifying installation. The standard conduit adapter allows for connection to conduit for cable protection. With standard NTEP Certified, 1:5000 division class III load cells, the RL1855HE provides an accurate weighing system when properly installed. Highly versatile, the RL1855HE offers worry-free operation in a wide variety of rugged applications.

Standard Features

- All stainless steel construction
- Welded seal, stainless steel load cells, IP67, guaranteed waterproof
- NTEP Certified load cells, 5000d, Class III Multiple Cell
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Self-checking design with lift-off/tip-over protection
- Two-year limited warranty

Applications

- Medium-capacity hoppers, bins and tanks
- Chemical batching/blending
- Fertilizer blending

Optional features

- RL35082 IP66/68 load cells available

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal-trim junction box
- 3 or 4 1855HE stainless steel compression mounts
- 3 or 4 RL35082 stainless steel, welded seal single-ended beam load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

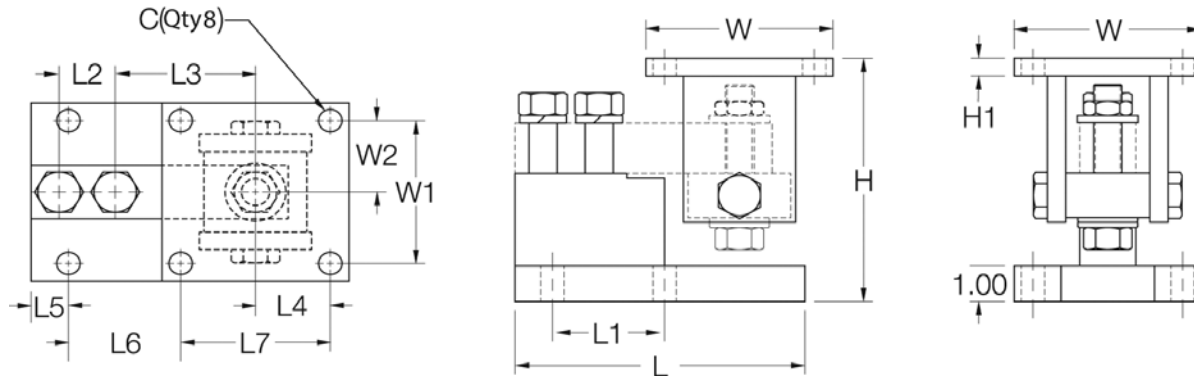
Load Cell Certifications



NOTE: Check with your local Weights & Measure officials for suitability in Legal for Trade applications.

RL1855 HE

Medium-Capacity Weigh Modules



Dimensions

RATED CAPACITY	C	H MIN/MAX	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
lb/inches														
1000-4000	.62	5.25/5.56	.50	6.00	2.00	1.00	3.00	2.00	.68	1.94	4.00	5.00	4.00	2.00
5000-10,000	.62	6.12/6.62	.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00
kg/mm														
453.6-1814.4	15.8	133.4/141.2	12.7	152.4	50.8	25.4	76.2	50.8	17.3	49.3	101.6	127.0	101.6	50.8
2268.0-4535.9	15.8	155.4/168.1	12.7	196.9	76.2	38.1	95.3	50.8	26.2	75.4	101.6	127.0	101.6	50.8

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
Single Modules (Includes Load Cell)		
1000 lb (453.6 kg)	32975	\$895.00
2500 lb (1134.0 kg)	32976	895.00
4000 lb (1814.4 kg)	32977	895.00
5000 lb (2268.0 kg)	32978	995.00
10,000 lb (4535.9 kg)	32979	995.00

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
3-Module Kit		
1000 lb (453.6 kg)	30390	\$2,885.00
2500 lb (1134.0 kg)	30388	2,885.00
4000 lb (1814.4 kg)	30386	2,885.00
5000 lb (2268.0 kg)	30384	3,185.00
10,000 lb (4535.9 kg)	30382	3,185.00
4-Module Kit		
1000 lb (453.6 kg)	30389	3,780.00
2500 lb (1134.0 kg)	30387	3,780.00
4000 lb (1814.4 kg)	30385	3,780.00
5000 lb (2268.0 kg)	30383	4,180.00
10,000 lb (4535.9 kg)	30381	4,180.00

RL2100 HE

Heavy-Capacity Weigh Modules



Picture is a representation of actual product

Incorporating an articulating load plate, hardened load pin and double-ended beam load cell into one simple design, the RL2100HE tolerates eccentric loads and side loads of up to 100% of capacity. The RL2100HE comes standard with NTEP Certified, 1:5000 division class IIIIL load cells, yielding up to 0.02% total error. An integral conduit adapter offers added washdown protection. These standard features give the RL2100HE accuracy and dependability in one heavyweight package. The simple load introduction and load cell design provides consistent accuracy in washdown applications, making the RL2100HE ideal for high-capacity hostile environments.

Standard Features

- All stainless steel construction
- Welded seal, stainless steel load cells, IP67, guaranteed waterproof
- NTEP Certified load cells, 5000d, Class IIIIL/10,000d, Class IIIIL Multiple Cell
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Self-checking design with lift-off/tip-over protection
- Two-year limited warranty

Applications

- Heavy-capacity tanks, blenders, reactors and bulk inventory management
- Petroleum refining process control
- Chemical blending/batching

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal-trim junction box
- 3 or 4 2100HE stainless steel compression mounts
- 3 or 4 RL75060S stainless steel, welded seal double-ended beam load cells (
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

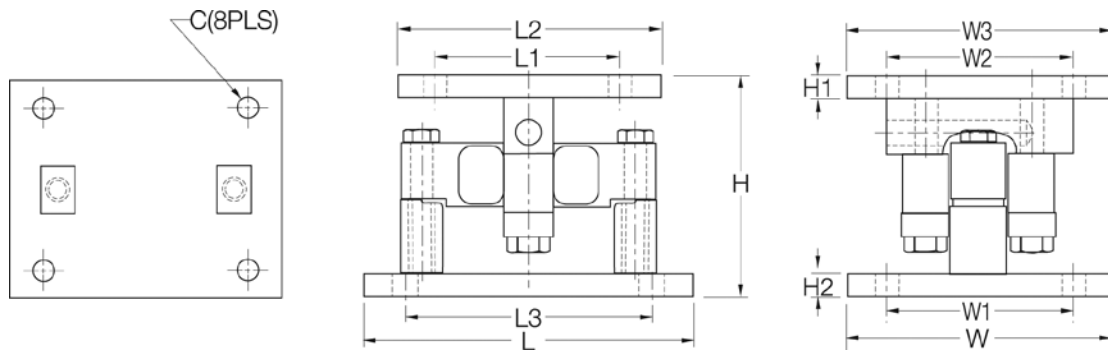
Load Cell Certifications



NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.

RL2100 HE

Heavy-Capacity Weigh Modules



Dimensions

RATED CAPACITY	C	H	H1	H2	L	L1	L2	L3	W	W1	W2	W3
lb/inches												
20,000-25,000	.78	6.85	.75	.75	10.00	6.00	8.00	7.50	8.00	6.00	6.00	8.00
35,000-100,000	1.13	9.42	1.00	1.00	14.00	6.50	9.00	11.50	10.00	7.50	6.50	9.00
kg/mm												
9071.9-11,339.8	19.8	174.0	19.1	19.1	254.0	152.4	203.2	190.5	203.2	152.4	152.4	203.2
15,875.7-45,359.2	28.7	239.3	25.4	25.4	355.6	165.1	228.6	292.1	254.0	190.5	165.1	228.6

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
Single Module (Includes Load Cell)		
20,000 lb (9071.8 kg)	32951	\$1,675.00
25,000 lb (11,339.8 kg)	65541	1,675.00
35,000 lb (15,875.7 kg)	32952	2,525.00
50,000 lb (22,679.6 kg)	32953	2,525.00
60,000 lb (27,215.5 kg)	32954	2,525.00
75,000 lb (34,019.4 kg)	32955	2,525.00
100,000 lb (45,359.2 kg)	32956	4,350.00

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
3-Module Kit		
20,000 lb (9071.8 kg)	32970	\$5,125.00
25,000 lb (11,339.8 kg)	65984	5,125.00
35,000 lb (15,875.7 kg)	32969	7,695.00
50,000 lb (22,679.6 kg)	32968	7,695.00
60,000 lb (27,215.5 kg)	32967	7,695.00
75,000 lb (34,019.4 kg)	32966	7,695.00
100,000 lb (45,359.2 kg)	32965	12,600.00
4-Module Kit		
20,000 lb (9071.8 kg)	32964	6,850.00
25,000 lb (11,339.8 kg)	65983	6,850.00
35,000 lb (15,875.7 kg)	32963	10,295.00
50,000 lb (22,679.6 kg)	32962	10,295.00
60,000 lb (27,215.5 kg)	32961	10,295.00
75,000 lb (34,019.4 kg)	32960	10,295.00
100,000 lb (45,359.2 kg)	32959	16,695.00

Weigh Modules

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ITCM

Isolated Tension Cell Modules

Standard Features

- Capacities (per module): 100-20,000 lb (45.4-9071.1 kg)
- Clevis mounts with nylon insulating washers
- PTFE-lined rod-end ball joints
- Load cell is completely isolated from stray currents*
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct load cell loading even in difficult installations
- Lower overall height compared to other isolated tension assemblies
- Zinc plated clevis assemblies

*Excluding 20,000 lb (9071.9 kg) capacity

Applications

- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

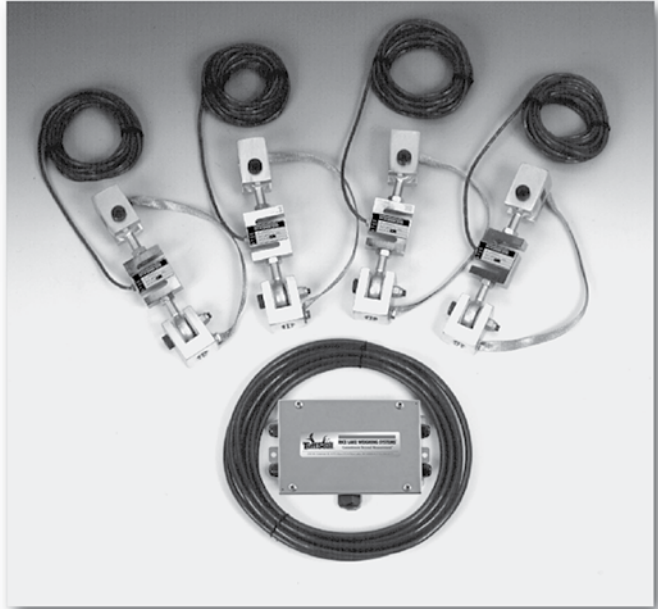
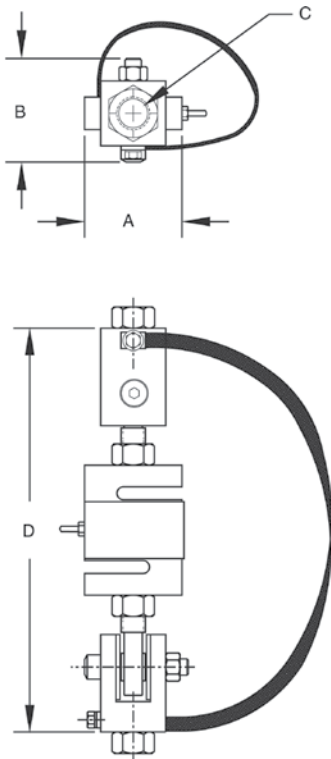
Complete Kit Includes

- 3 or 4 ITCM assemblies with RL20000 NTEP Certified S-Beam load cells
- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 25ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications



NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.



Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The ITCM Series utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications and mechanical scale conversions. The ITCM incorporates clevis and unique rod-end ball joint assemblies to reduce the overall length to less than half of the traditional tension cell mounts, while providing correct load alignment. In addition, the load cell is completely electrically isolated from stray currents, which are a major cause of load cell failure. To complete the design, a grounding strap connects the two clevis assemblies to further provide safety to your load cells.



Module with RL20000 S-Beam load cell.

Important: Read "Load Cell Mounting Hardware Safety Guidelines"

ITCM

Isolated Tension Cell Modules

*Load Rating Dimensions - Inches (mm) Order Information

LOAD CELL CAPACITY		A		B		C		D		SINGLE MODULE		3-MODULE KIT		4-MODULE KIT	
										Part #	Price	Part #	Price	Part #	Price
100 lb	(45.4 kg)	2.00	(50.8)	1.81	(46.0)	3/8-16 NC	7.00 (ref)	(177.8)	17851	\$450.00	18003	\$1,600.00	18027	\$2,050.00	
100 lb	(45.4 kg)	2.00	(50.8)	1.81	(46.0)	1/2-13 NC	7.00 (ref)	(177.8)	17831	450.00	18004	1,600.00	18028	2,050.00	
150 lb	(68.0 kg)	2.00	(50.8)	1.81	(46.0)	3/8-16 NC	7.00 (ref)	(177.8)	30337	450.00	30357	1,600.00	30359	2,050.00	
150 lb	(68.0 kg)	2.00	(50.8)	1.81	(46.0)	1/2-13 NC	7.00 (ref)	(177.8)	30336	450.00	30358	1,600.00	30360	2,050.00	
200 lb	(90.7 kg)	2.00	(50.8)	1.81	(46.0)	3/8-16 NC	7.00 (ref)	(177.8)	30335	450.00	30361	1,600.00	30363	2,050.00	
200 lb	(90.7 kg)	2.00	(50.8)	1.81	(46.0)	1/2-13 NC	7.00 (ref)	(177.8)	30338	450.00	30362	1,600.00	30364	2,050.00	
250 lb	(113.4 kg)	2.00	(50.8)	1.81	(46.0)	3/8-16 NC	7.00 (ref)	(177.8)	17852	450.00	18005	1,600.00	18029	2,050.00	
250 lb	(113.4 kg)	2.00	(50.8)	1.81	(46.0)	1/2-13 NC	7.00 (ref)	(177.8)	17832	450.00	18006	1,600.00	18030	2,050.00	
500 lb	(226.8 kg)	2.68	(68.1)	2.68	(68.1)	1/2-13 NC	9.50 (ref)	(241.3)	17853	480.00	18007	1,690.00	18031	2,075.00	
500 lb	(226.8 kg)	2.68	(68.1)	2.68	(68.1)	5/8-11 NC	9.50 (ref)	(241.3)	17858	480.00	18008	1,690.00	18032	2,075.00	
500 lb	(226.8 kg)	2.68	(68.1)	2.68	(68.1)	3/4-10 NC	9.50 (ref)	(241.3)	17833	480.00	18009	1,690.00	18033	2,075.00	
750 lb	(340.2 kg)	2.68	(68.1)	2.68	(68.1)	1/2-13 NC	9.50 (ref)	(241.3)	17854	480.00	18010	1,690.00	18034	2,075.00	
750 lb	(340.2 kg)	2.68	(68.1)	2.68	(68.1)	5/8-11 NC	9.50 (ref)	(241.3)	17859	480.00	18011	1,690.00	18035	2,075.00	
750 lb	(340.2 kg)	2.68	(68.1)	2.68	(68.1)	3/4-10 NC	9.50 (ref)	(241.3)	17834	480.00	18012	1,690.00	18036	2,075.00	
1000 lb	(453.6 kg)	2.68	(68.1)	2.68	(68.1)	1/2-13 NC	9.50 (ref)	(241.3)	17855	480.00	18013	1,690.00	18037	2,075.00	
1000 lb	(453.6 kg)	2.68	(68.1)	2.68	(68.1)	5/8-11 NC	9.50 (ref)	(241.3)	17860	480.00	18014	1,690.00	18038	2,075.00	
1000 lb	(453.6 kg)	2.68	(68.1)	2.68	(68.1)	3/4-10 NC	9.50 (ref)	(241.3)	17835	480.00	18015	1,690.00	18039	2,075.00	
1500 lb	(680.4 kg)	2.68	(68.1)	2.68	(68.1)	1/2-13 NC	9.50 (ref)	(241.3)	17856	480.00	18016	1,690.00	18040	2,075.00	
1500 lb	(680.4 kg)	2.68	(68.1)	2.68	(68.1)	5/8-11 NC	9.50 (ref)	(241.3)	17861	480.00	18017	1,690.00	18041	2,075.00	
1500 lb	(680.4 kg)	2.68	(68.1)	2.68	(68.1)	3/4-10 NC	9.50 (ref)	(241.3)	17836	480.00	18018	1,690.00	18042	2,075.00	
2000 lb	(907.2 kg)	2.68	(68.1)	2.68	(68.1)	1/2-13 NC	9.50 (ref)	(241.3)	17857	480.00	18019	1,690.00	18043	2,075.00	
2000 lb	(907.2 kg)	2.68	(68.1)	2.68	(68.1)	5/8-11 NC	9.50 (ref)	(241.3)	17862	480.00	18020	1,690.00	18044	2,075.00	
2000 lb	(907.2 kg)	2.68	(68.1)	2.68	(68.1)	3/4-10 NC	9.50 (ref)	(241.3)	17837	480.00	18021	1,690.00	18045	2,075.00	
2500 lb	(1134.0 kg)	2.68	(68.1)	2.68	(68.1)	5/8-11 NC	9.50 (ref)	(241.3)	17863	480.00	18022	1,690.00	18046	2,075.00	
2500 lb	(1134.0 kg)	2.68	(68.1)	2.68	(68.1)	3/4-10 NC	9.50 (ref)	(241.3)	17838	480.00	18023	1,690.00	18047	2,075.00	
3000 lb	(1360.8 kg)	3.37	(85.6)	3.37	(85.6)	3/4-10 NC	10.50 (ref)	(266.7)	30339	520.00	30365	1,810.00	30366	2,310.00	
5000 lb	(2268.0 kg)	3.37	(85.6)	3.37	(85.6)	3/4-10 NC	12.25 (ref)	(311.2)	17864	695.00	18024	2,340.00	18048	3,030.00	
5000 lb	(2268.0 kg)	3.37	(85.6)	3.37	(85.6)	1-8 NC	12.25 (ref)	(311.2)	17839	695.00	18025	2,340.00	18049	3,030.00	
10,000 lb	(4535.9 kg)	3.37	(85.6)	3.37	(85.6)	1-8 NC	12.25 (ref)	(311.2)	17840	695.00	18026	2,340.00	18050	3,030.00	
15,000 lb	(6803.9 kg)	4.00	(101.6)	4.12	(104.6)	1 1/4-7 NC	18.00 (ref)	(457.2)	17960	1,370.00	30353	4,655.00	30354	5,980.00	
20,000 lb	(9071.9 kg)	5.00	(127.0)	4.12	(104.6)	1 1/2-6 UNC	20.00 (ref)	(508.0)	17961	1,715.00	30355	5,455.00	30356	7,275.00	

* Load Rating is per module

ITCM SS

Stainless Steel Isolated Tension Cell Modules

Standard Features

- Capacities (per module): 100-5,000 lb (45.4-2268.0 kg)
- Clevis mounts with nylon insulating washers
- PTFE-lined rod-end ball joints
- Load cell is completely isolated from stray currents
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct load cell loading even in difficult installations
- Lower overall height compared to other isolated tension assemblies

Applications

- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

Complete Kit Includes

- 3 or 4 ITCM assemblies with RL20000 ST NTEP Certified S-Beam load cells
- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications



NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.



Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The ITCM Series utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications and mechanical scale conversions. The ITCM SS incorporates clevis and unique rod-end ball joint assemblies to reduce the overall length to less than half of the traditional tension cell mounts, while providing correct load alignment. In addition, the load cell is completely electrically isolated from stray currents, which are a major cause of load cell failure. To complete the design, a grounding strap connects the two clevis assemblies to further provide safety to your load cells.

Module with RL20000 ST S-Beam load cell.

Important: Read "Load Cell Mounting Hardware Safety Guidelines"



ITCM SS

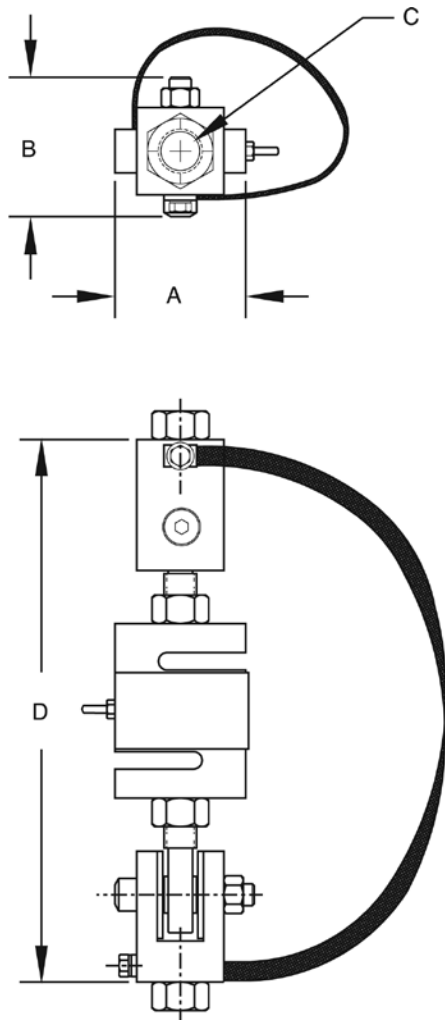
Stainless Steel Isolated Tension Cell Modules

*Load Rating Dimensions - Inches (mm)

Order Information

LOAD CELL CAPACITY	A	B	C	D	SINGLE MODULE		3-MODULE KIT		4-MODULE KIT	
					Part #	Price	Part #	Price	Part #	Price
100 lb (45.4 kg)	2.00 (50.8)	1.81 (46.0)	3/8-16 NC	7.00 (ref) (177.8)	46765	\$725.00	46735	\$2,385.00	46751	\$3,015.00
100 lb (45.4 kg)	2.00 (50.8)	1.81 (46.0)	1/2-13 NC	7.00 (ref) (177.8)	46766	725.00	46736	2,385.00	46752	3,015.00
250 lb (113.4 kg)	2.00 (50.8)	1.81 (46.0)	3/8-16 NC	7.00 (ref) (177.8)	46767	725.00	46737	2,385.00	46753	3,015.00
250 lb (113.4 kg)	2.00 (50.8)	1.81 (46.0)	1/2-13 NC	7.00 (ref) (177.8)	46768	725.00	46738	2,385.00	46754	3,015.00
500 lb (226.8 kg)	2.68 (68.1)	2.68 (68.1)	1/2-13 NC	9.50 (ref) (241.3)	46769	725.00	46739	2,385.00	46755	3,015.00
500 lb (226.8 kg)	2.68 (68.1)	2.68 (68.1)	5/8-11 NC	9.50 (ref) (241.3)	46770	725.00	46740	2,385.00	46756	3,015.00
750 lb (340.2 kg)	2.68 (68.1)	2.68 (68.1)	1/2-13 NC	9.50 (ref) (241.3)	46771	725.00	46741	2,385.00	46757	3,015.00
750 lb (340.2 kg)	2.68 (68.1)	2.68 (68.1)	5/8-11 NC	9.50 (ref) (241.3)	46772	725.00	46742	2,385.00	46758	3,015.00
1000 lb (453.6 kg)	2.68 (68.1)	2.68 (68.1)	1/2-13 NC	9.50 (ref) (241.3)	46773	725.00	46743	2,385.00	46759	3,015.00
1000 lb (453.6 kg)	2.68 (68.1)	2.68 (68.1)	5/8-11 NC	9.50 (ref) (241.3)	46774	725.00	46744	2,385.00	46760	3,015.00
2500 lb (1134.0 kg)	2.68 (68.1)	2.68 (68.1)	5/8-11 NC	9.50 (ref) (241.3)	46775	725.00	46745	2,385.00	46761	3,015.00
2500 lb (1134.0 kg)	2.68 (68.1)	2.68 (68.1)	3/4-10 NC	9.50 (ref) (241.3)	46776	725.00	46746	2,385.00	46762	3,015.00
3000 lb (1360.8 kg)	3.37 (85.6)	3.37 (85.6)	3/4-10 NC	10.75 (ref) (273.0)	46777	775.00	46747	2,535.00	46763	3,215.00
5000 lb (2268.0 kg)	3.37 (85.6)	3.37 (85.6)	3/4-10 NC	12.00 (ref) (304.8)	46778	1,365.00	46748	4,305.00	46764	5,675.00

* Load Rating is per module



ITCM HE

Stainless Steel, Welded-Seal NTEP-Approved Isolated Tension Cell Modules

Standard Features

- Capacities (per module): 500-5,000 lb (226.8-2268.0 kg)
- Clevis mounts with nylon insulating washers
- PTFE-lined rod-end ball joints
- Load cell is completely isolated from stray currents
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct load-cell loading even in difficult installations
- Lower overall height compared to other isolated tension assemblies

Applications

- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

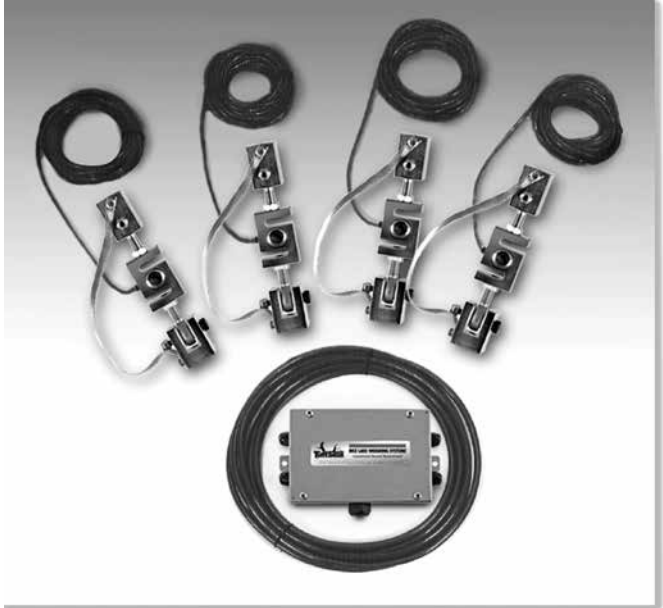
Complete Kit Includes

- 3 or 4 ITCM assemblies with RL20001HE Stainless Steel, Welded Seal
- NTEP Certified S-Beam load cells
- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications



NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.



Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The ITCM Series utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications and mechanical scale conversions. The ITCM HE incorporates clevis and unique rod-end ball joint assemblies to reduce the overall length to less than half of the traditional tension cell mounts, while providing correct load alignment. In addition, the load cell is completely electrically isolated from stray currents, which are a major cause of load cell failure. To complete the design, a grounding strap connects the two clevis assemblies to further provide safety to your load cells.

Module with RL20001 HE S-Beam load cell.

Important: Read "Load Cell Mounting Hardware Safety Guidelines"



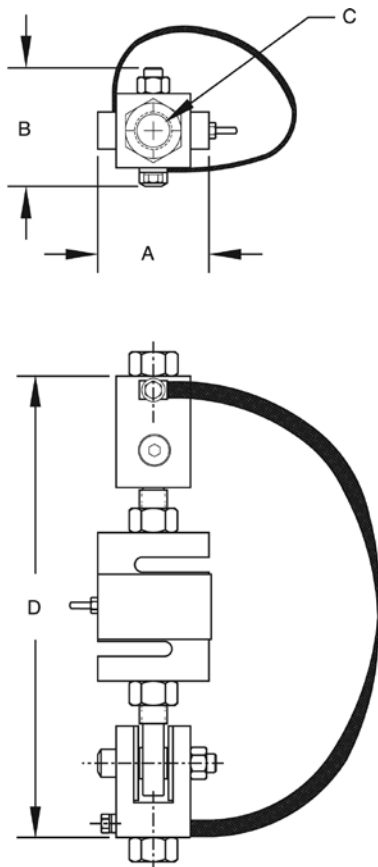
ITCM HE

Stainless Steel, Welded-Seal NTEP-Approved Isolated Tension Cell Modules

*Load Rating Dimensions - Inches (mm) Order Information

LOAD CELL CAPACITY	A	B	C	D	SINGLE MODULE		3-MODULE KIT		4-MODULE KIT	
					Part #	Price	Part #	Price	Part #	Price
500 lb (226.8 kg)	2.68 (68.1)	2.68 (68.1)	1/2-13 NC	9.50 (ref) (241.3)	46599	\$1,340.00	46561	\$4,020.00	46580	\$5,360.00
500 lb (226.8 kg)	2.68 (68.1)	2.68 (68.1)	5/8-11 NC	9.50 (ref) (241.3)	46600	1,340.00	46562	4,020.00	46581	5,360.00
500 lb (226.8 kg)	2.68 (68.1)	2.68 (68.1)	3/4-10 NC	9.50 (ref) (241.3)	46601	1,340.00	46563	4,020.00	46582	5,360.00
750 lb (340.2 kg)	2.68 (68.1)	2.68 (68.1)	1/2-13 NC	9.50 (ref) (241.3)	46602	1,340.00	46564	4,020.00	46583	5,360.00
750 lb (340.2 kg)	2.68 (68.1)	2.68 (68.1)	5/8-11 NC	9.50 (ref) (241.3)	46603	1,340.00	46565	4,020.00	46584	5,360.00
750 lb (340.2 kg)	2.68 (68.1)	2.68 (68.1)	3/4-10 NC	9.50 (ref) (241.3)	46604	1,340.00	46566	4,020.00	46585	5,360.00
1000 lb (453.6 kg)	2.68 (68.1)	2.68 (68.1)	1/2-13 NC	9.50 (ref) (241.3)	46605	1,340.00	46567	4,020.00	46586	5,360.00
1000 lb (453.6 kg)	2.68 (68.1)	2.68 (68.1)	5/8-11 NC	9.50 (ref) (241.3)	46606	1,340.00	46568	4,020.00	46587	5,360.00
1000 lb (453.6 kg)	2.68 (68.1)	2.68 (68.1)	3/4-10 NC	9.50 (ref) (241.3)	46607	1,340.00	46569	4,020.00	46588	5,360.00
1500 lb (680.4 kg)	2.68 (68.1)	2.68 (68.1)	1/2-13 NC	9.50 (ref) (241.3)	46608	1,340.00	46570	4,020.00	46589	5,360.00
1500 lb (680.4 kg)	2.68 (68.1)	2.68 (68.1)	5/8-11 NC	9.50 (ref) (241.3)	46609	1,340.00	46571	4,020.00	46590	5,360.00
1500 lb (680.4 kg)	2.68 (68.1)	2.68 (68.1)	3/4-10 NC	9.50 (ref) (241.3)	46610	1,340.00	46572	4,020.00	46591	5,360.00
2000 lb (907.2 kg)	2.68 (68.1)	2.68 (68.1)	1/2-13 NC	9.50 (ref) (241.3)	46611	1,340.00	46573	4,020.00	46592	5,360.00
2000 lb (907.2 kg)	2.68 (68.1)	2.68 (68.1)	5/8-11 NC	9.50 (ref) (241.3)	46612	1,340.00	46574	4,020.00	46593	5,360.00
2000 lb (907.2 kg)	2.68 (68.1)	2.68 (68.1)	3/4-10 NC	9.50 (ref) (241.3)	46613	1,340.00	46575	4,020.00	46594	5,360.00
2500 lb (1134.0 kg)	2.68 (68.1)	2.68 (68.1)	5/8-11 NC	9.50 (ref) (241.3)	46614	1,340.00	46576	4,020.00	46595	5,360.00
2500 lb (1134.0 kg)	2.68 (68.1)	2.68 (68.1)	3/4-10 NC	9.50 (ref) (241.3)	46615	1,340.00	46577	4,020.00	46596	5,360.00
3000 lb (1360.8 kg)	3.37 (85.6)	3.37 (85.6)	3/4-10 NC	10.00 (ref) (254.0)	46616	1,340.00	46578	4,020.00	46597	5,360.00
5000 lb (2268.0 kg)	3.37 (85.6)	3.37 (85.6)	3/4-10 NC	12.62 (ref) (320.5)	46617	2,010.00	46579	6,030.00	46598	8,040.00

*Load Rating is per module



RL50210 TA

50-500 lb Capacity Mini Tank Weighing Module

Standard Features

- Zinc plated, mild steel modules
- Lower weighing ranges from 50-500 lb (22.7-226.8 kg) per module
- Environmentally protected load cells
- Neoprene isolation/compression mounts allow for minor misalignment, thermal expansion and shock absorption
- Overload stop for 500 lb (226.8 kg) modules provides durability

Applications

- Small tanks and hoppers
- Conveyor/In-motion weighing
- Small platform scales where minor shock loading may be a problem

Optional Features

- Stainless steel modules available in 50, 100, 150, 250 and 500 lb (22.7, 45.4, 68.0, 113.4, 226.8 kg) capacity with RL50210SS, RL50210SS and RL39123 stainless steel load cells or Vishay Sensortronics 65023 SS load cells
- 65059 kits available with Vishay Sensortronics 60040 load cells, capacities: 50-250 lb (22.7-113.4 kg) or 65023 load cells, capacity: 500 lb (226.8 kg)

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 RL50210 cantilever beam load cells (50-250 lb models)
- 3 or 4 RL30000 single-ended beam load cells (500 lb models)
- 3 or 4 neoprene isolation/compression mounts
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications



Rice Lake model only, not stainless steel models



Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

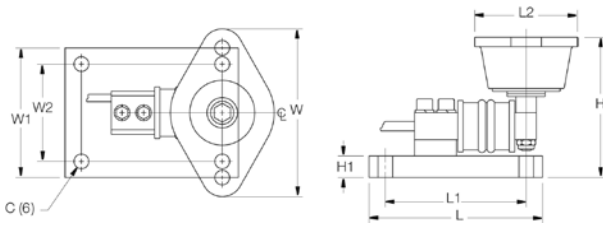
The RL50210 TA Weigh Module Kit provides a cost-effective alternative for your customers' low-range weighing needs. A variety of features makes this kit easy to install and an exceptional choice for various indoor weighing applications where checking requirements are low. Environmentally protected load cells, neoprene isolation/compression mounts and other Rice Lake Weighing Systems components are the keys to this module's outstanding performance.

Module with RL50210 or RL50210SS cantilever beam load cell; capacities (per module): 50 lb (22.7 kg), 100 lb (45.4 kg), 150 lb (68.0 kg) and 250 lb (113.4 kg). 500 lb model features RL30000 single-ended beam load cell

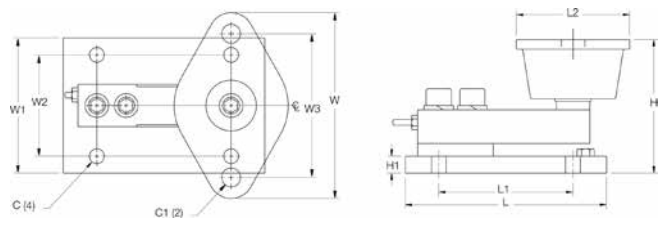


RL50210 TA

50-500 lb Capacity Mini Tank Weighing Module



50-250 lb (22.7-113.4 kg)



500 lb (226.8 kg)

Dimensions

RATED CAPACITY	C	C1	H	H1	L	L1	L2	W	W1	W2	W3
lb/inches											
50-250	.34	—	3.13	.50	4.00	3.25	2.38	3.88	3.00	2.25	—
500	.44	.56	3.88	.50	6.00	4.00	3.38	5.50	4.00	3.00	4.13
kg/mm											
22.7-113.4	8.6	—	79.5	12.7	101.6	82.6	60.5	98.6	76.2	57.2	—
226.8	11.2	14.2	98.6	12.7	152.4	101.6	85.9	139.7	101.6	76.2	104.9

Order Information

*LOAD RATING (PER MODULE)	PART #	PRICE
Mild Steel Single Module (Includes Load Cell)		
50 lb (22.7 kg)	17844	\$395.00
100 lb (45.4 kg)	17845	395.00
150 lb (68.0 kg)	17846	395.00
250 lb (113.4 kg)	17847	395.00
500 lb (226.8 kg)	17848	525.00
Mild Steel 3-Module Kit		
50 lb (22.7 kg)	18051	1,370.00
100 lb (45.4 kg)	18052	1,370.00
150 lb (68.0 kg)	18053	1,370.00
250 lb (113.4 kg)	18054	1,370.00
500 lb (226.8 kg)	18055	1,775.00
Mild Steel 4-Module Kit		
50 lb (22.7 kg)	18057	1,760.00
100 lb (45.4 kg)	18058	1,760.00
150 lb (68.0 kg)	18059	1,760.00
250 lb (113.4 kg)	18060	1,760.00
500 lb (226.8 kg)	18061	2,250.00
Stainless Steel Single Module (Includes Load Cell)		
50 lb (22.7 kg)	63033	625.00
100 lb (45.4 kg)	63034	625.00
150 lb (68.0 kg)	63035	625.00
250 lb (113.4 kg)	63036	625.00
500 lb (226.8 kg)	17954	610.00
Stainless Steel 3-Module Kit		
500 lb (226.8 kg)	30394	2,020.00
Stainless Steel 4-Module Kit		
500 lb (226.8 kg)	30393	2,650.00

VPG Scentroidrics 65059

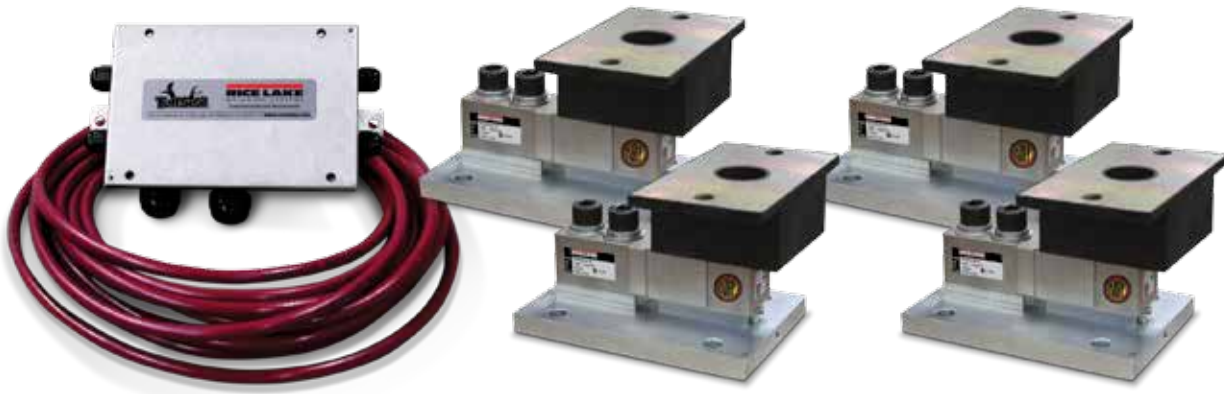
Order Information

*LOAD RATING (PER MODULE)	PART #	PRICE
Mild Steel Single Module (Includes Load Cell)		
50 lb (22.7 kg)	17825	\$395.00
100 lb (45.4 kg)	17826	395.00
150 lb (68.0 kg)	17827	395.00
250 lb (113.4 kg)	17828	395.00
500 lb (226.8 kg)	17829	525.00
Mild Steel 3-Module Kit		
50 lb (22.7 kg)	18063	1,370.00
100 lb (45.4 kg)	18064	1,370.00
150 lb (68.0 kg)	18065	1,370.00
250 lb (113.4 kg)	18066	1,370.00
500 lb (226.8 kg)	18067	1,775.00
Mild Steel 4-Module Kit		
50 lb (22.7 kg)	18069	1,760.00
100 lb (45.4 kg)	18070	1,760.00
150 lb (68.0 kg)	18071	1,760.00
250 lb (113.4 kg)	18072	1,760.00
500 lb (226.8 kg)	18073	2,250.00
Stainless Steel Single Module (Includes Load Cell)		
500 lb (226.8 kg)	17950	610.00
Stainless Steel 3-Module Kit		
500 lb (226.8 kg)	30392	2,020.00
Stainless Steel 4-Module Kit		
500 lb (226.8 kg)	30391	2,650.00

* Load Rating is per module

RL50210 TA

1000-2500lb Capacity Mini Tank Weighing Module



Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The RL50210 TA Weigh Module Kit provides a cost-effective alternative for your customers' medium-range weighing needs. A variety of features makes this kit easy to install and an exceptional choice for various indoor weighing applications where checking requirements are low. Environmentally protected load cells, neoprene isolation/compression mounts and other Rice Lake Weighing Systems components are the keys to this module's performance.

Module with RL35023 single-ended shear beam load cell; capacities (per module): NTEP Certified 1000 lb (453.6 kg) load cell shown.



Standard Features

- NTEP Certified load cells (alloy steel only), 1:5000d, Class III Multiple Cell
- Zinc plated, mild steel assemblies
- Medium weighing ranges from 1000-2500 lb (453.6-1134.0 kg) per module
- Environmentally protected load cells
- Neoprene isolation/compression mounts allow for minor misalignment, thermal expansion and shock absorption
- Overload stop provides durability
- RL50210 stainless steel mounts use RL35023S stainless steel load cells, capacities: 1000-2500 lb (453.6-1134.0 kg) NTEP cells
- 65059 stainless steel mounts use Vishay Sensortronics 65023S NTEP stainless steel load cells

Applications

- Small tanks and hoppers
- Conveyor/In-motion weighing
- Small platform scales where minor shock loading may be a problem

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 RL35023 shear beam load cells
- 3 or 4 neoprene isolation/compression mounts
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Optional Features

- Welded stainless steel cells available in stainless steel mounts

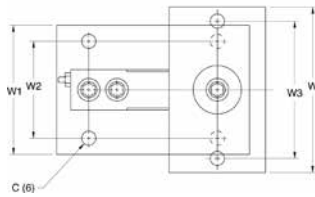
Load Cell Certifications



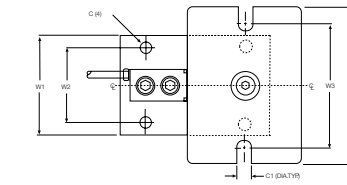
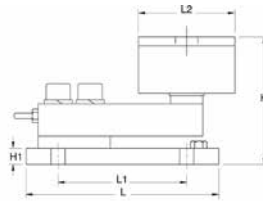
NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.

RL50210 TA

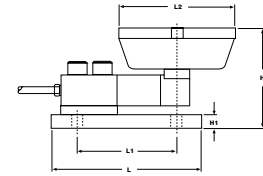
1000-2500 lb Capacity Mini Tank Weighing Module



1000 lb (453.6 kg)



2000 lb-2500 lb (907.2 kg-1134.0 kg)



Dimensions

RATED CAPACITY	C	C1	H	H1	L	L1	L2	W	W1	W2	W3
lb/inches											
1000	.44	—	4.00	.50	6.00	4.00	3.00	5.13	4.00	3.00	4.13
2000-2500	.44	.56	4.00	.50	6.00	4.00	4.62	6.25	4.00	3.00	5.00
kg/mm											
453.6	11.2	—	101.6	12.7	152.4	101.6	76.2	130.3	101.6	76.2	104.9
907.2-1134.0	11.2	14.2	101.6	12.7	152.4	101.6	117.3	158.8	101.6	76.2	127.0

Order Information

*LOAD RATING (PER MODULE)	PART #	PRICE
Mild Steel Single Module (Includes Load Cell)		
1000 lb (453.6 kg)	17849	\$525.00
2000 lb (907.2 kg)	17948	525.00
2500 lb (1134.0 kg)	17949	525.00
Mild Steel 3-Module Kit		
1000 lb (453.6 kg)	18056	1,775.00
2000 lb (907.2 kg)	30398	1,775.00
2500 lb (1134.0 kg)	30396	1,775.00
Mild Steel 4-Module Kit		
1000 lb (453.6 kg)	18062	2,275.00
2000 lb (907.2 kg)	30397	2,275.00
2500 lb (1134.0 kg)	30395	2,275.00
Stainless Steel Single Module (Includes Load Cell)		
1000 lb (453.6 kg)	17955	610.00
2000 lb (907.2 kg)	17956	610.00
2500 lb (1134.0 kg)	17957	610.00
Stainless Steel 3-Module Kit		
1000 lb (453.6 kg)	30404	2,020.00
2000 lb (907.2 kg)	30402	2,020.00
2500 lb (1134.0 kg)	30400	2,020.00
Stainless Steel 4-Module Kit		
1000 lb (453.6 kg)	30403	2,650.00
2000 lb (907.2 kg)	30401	2,650.00
2500 lb (1134.0 kg)	30399	2,650.00

* Load Rating is per module

VPG Sensortronics 65059

Order Information

*LOAD RATING (PER MODULE)	PART #	PRICE
Mild Steel Single Module (Includes Load Cell)		
1000 lb (453.6 kg)	17830	\$525.00
2000 lb (907.2 kg)	17946	525.00
2500 lb (1134.0 kg)	17947	525.00
Mild Steel 3-Module Kit		
1000 lb (453.6 kg)	18068	1,775.00
2000 lb (907.2 kg)	30413	1,775.00
2500 lb (1134.0 kg)	30412	1,775.00
Mild Steel 4-Module Kit		
1000 lb (453.6 kg)	18074	2,275.00
2000 lb (907.2 kg)	30414	2,275.00
2500 lb (1134.0 kg)	30411	2,275.00
Stainless Steel Single Module (Includes Load Cell)		
1000 lb (453.6 kg)	17951	610.00
2000 lb (907.2 kg)	17952	610.00
2500 lb (1134.0 kg)	17953	610.00
Stainless Steel 3-Module Kit		
1000 lb (453.6 kg)	30410	2,020.00
2000 lb (907.2 kg)	30408	2,020.00
2500 lb (1134.0 kg)	30406	2,020.00
Stainless Steel 4-Module Kit		
1000 lb (453.6 kg)	30409	2,650.00
2000 lb (907.2 kg)	30407	2,650.00
2500 lb (1134.0 kg)	30405	2,650.00

* Load Rating is per module

Paramounts® EP

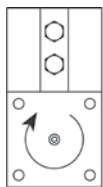
(Environmentally-Protected) Mild Steel, Light-to Medium-Capacity Tank Weighing Systems



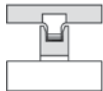
Available in configurations with three or four mounting assemblies.
Picture is a representation of actual product

The Paramounts EP system offers all the design advantages of the Paramounts system in applications where the extensive sealing of the SB4 load cell is not necessary. Paramounts EP provides a low-cost alternative for the superior mechanical loading system found in the standard Paramounts. Economy and performance are in one complete weighing system.

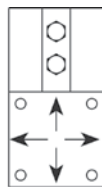
Free-Sliding Module with Flintec SB5 bending beam load cell.



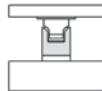
A: FIXED PIN



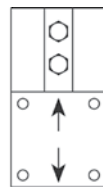
Fixed-Pin Mount



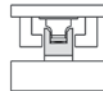
B: FREE SLIDING



Free-Sliding Mount



C: SIDE STOP



Side-Stop Mount

Standard Features

- Capacities (per module): 1125-22,500 lb (1 kN/102.1 kg-100 kN/10,205.9 kg)
- NTEP Certified load cells
- Unique design allows for thermal expansion/contraction
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique blind load hole eliminates unwanted side and eccentric loads
- Vessel is free to slide laterally on PTFE-coated surfaces
- Load cell outputs are matched to $\pm 0.07\%$ allowing replacement without further calibration

Applications

- Light to medium-capacity tanks and hoppers
- High-vibration mixers and blenders
- Process measurement and control

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 1 fixed-pin module, 1 side-stop module, and 1 or 2 free-sliding assemblies. Each module is complete with a Flintec SB5 NTEP Certified 1:5000d, Class III, stainless steel environmentally-protected load cell
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications

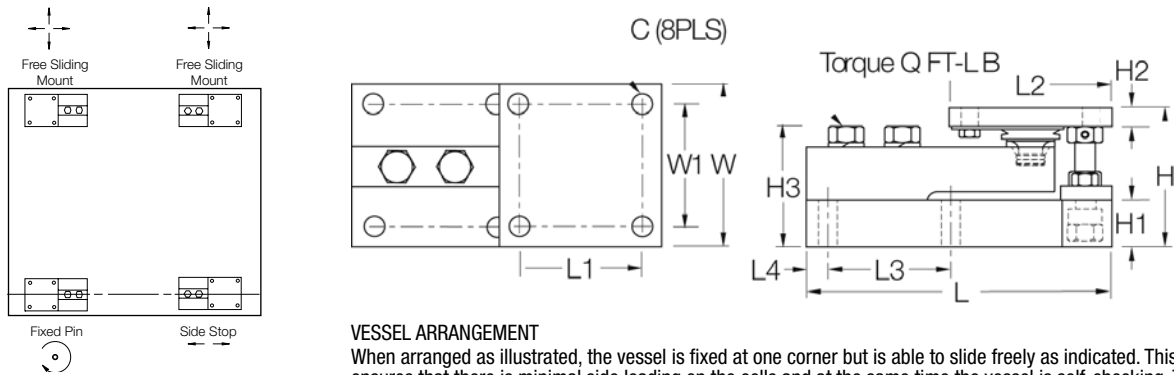


Available

NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.

Paramounts® EP

(Environmentally-Protected) Mild Steel, Light-to-Medium-Capacity Tank Weighing Systems



VESSEL ARRANGEMENT

When arranged as illustrated, the vessel is fixed at one corner but is able to slide freely as indicated. This ensures that there is minimal side loading on the cells and at the same time the vessel is self-checking. The unique, patented blind load hole technology used in these mounts introduces the load at the neutral axis of the load cell which helps minimize the effects of side loads.

Dimensions

RATED CAPACITY	C	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4	W	W1	Q (FT- LB)	
lb/inches															
1125-4500	(5-23 kN†)	.437	3.58	1.25	.50	.75	3.06	7.51	3.00	4.00	3.00	.50	4.00	3.00	65
11,250	(50 kN†)	.562	4.66	1.50	.62	1.00	4.09	9.19	3.87	5.00	3.87	.56	5.00	3.87	295
22,500	(100 kN†)	.688	6.41	2.00	.75	1.25	5.73	11.46	4.75	6.00	4.75	.69	6.00	4.75	515
kg/mm															
510.8-2041		11.1	90.9	31.8	12.7	19.1	77.7	190.8	76.2	101.6	76.2	12.7	101.6	76.2	—
5107.5		14.3	118.4	38.1	15.7	25.4	103.9	233.4	98.3	127.0	98.3	14.2	127.0	98.3	—
10,215.0		17.5	162.8	50.8	19.1	31.8	145.5	291.1	120.7	152.4	120.7	17.5	152.4	120.7	—

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
NTEP 3-Module Kits		
1125 lb (5 kN†/510.8 kg)	33683	\$2,175.00
2250 lb (10 kN†/1021.5 kg)	33682	2,175.00
4500 lb (20 kN†/2041.2 kg)	33681	2,175.00
11,250 lb (50 kN†/5107.5 kg)	33680	2,495.00
NTEP 4-Module Kits		
1125 lb (5 kN†/510.8 kg)	33678	2,900.00
2250 lb (10 kN†/1021.5 kg)	33677	2,900.00
4500 lb (20 kN†/2041.2 kg)	33676	2,900.00
11,250 lb (50 kN†/5107.5 kg)	33675	3,695.00
Non-NTEP 3-Module Kit		
22,500 lb (100 kN†/10,205.8 kg)	33679	3,975.00
Non-NTEP 4-Module Kit		
22,500 lb (100 kN†/10,215.0 kg)	33674	4,900.00

* Side Stop and Free Sliding Units

** Fixed Pin Units

† kN = Kilonewtons 1 kN = 224.8089 lb

Paramounts® HS

(Hermetically Sealed Load Cells) Mild Steel, Light to-Medium Capacity Tank Weighing Systems

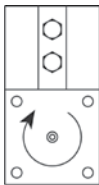


Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The Paramounts tank weighing system consists of one fixed-pin mount which allows only the top plate to rotate, one side-stop mount which allows the top plate to slide along the cell only, and one or more free-sliding mount(s) which allow the top plate to slide freely in all directions. This system provides self checking in applications of extreme temperature fluctuations and vibration while maintaining unparalleled system accuracy.

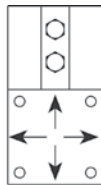
Free-Sliding Module with Flintec SB4 bending beam load cell.



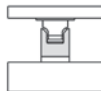
A: FIXED PIN



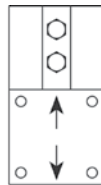
Fixed-Pin Mount



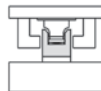
B: FREE SLIDING



Free-Sliding Mount



C: SIDE ST OP



Side-Stop Mount

Standard Features

- Capacities (per module): 520-22,500 lb (2.3 kN/102.1 kg-100 kN/10,205.9 kg)
- Unique design allows for thermal expansion/contraction
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique blind load hole eliminates unwanted side and eccentric loads
- Vessel is free to slide laterally on PTFE-coated surfaces
- Load cell outputs are matched to $\pm 0.07\%$, allowing replacement without further calibration

Applications

- Light-to medium-capacity tanks and hoppers
- High-vibration mixers and blenders
- Process measurement and control

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 1 fixed-pin module, 1 side-stop module, and 1 or 2 free-sliding assemblies. Each module is complete with a FLINTEC SB4 or SB10 (520 lb) stainless steel hermetically sealed load cell
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Optional Features

- NTEP Certified load cells available: capacities 1125-11,250 lb

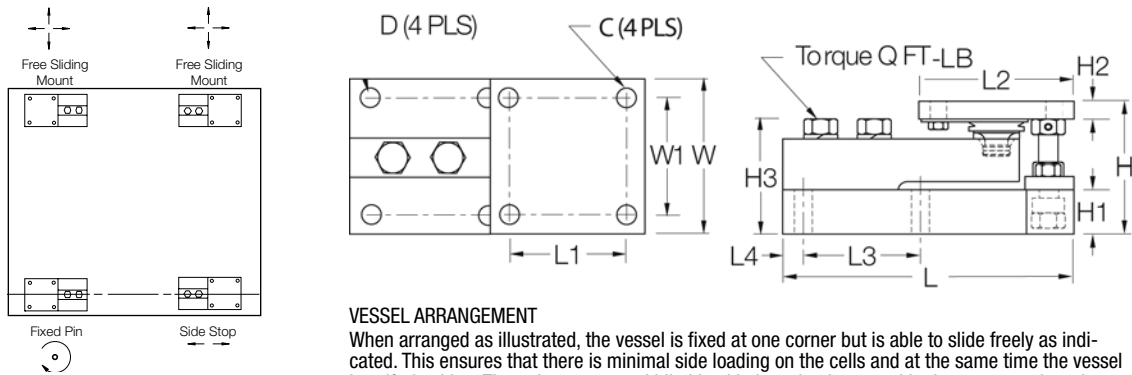
Load Cell Certifications



NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.

Paramounts® HS

(Hermetically Sealed Load Cells) Mild Steel, Light-to-Medium-Capacity Tank Weighing Systems



VESSEL ARRANGEMENT

When arranged as illustrated, the vessel is fixed at one corner but is able to slide freely as indicated. This ensures that there is minimal side loading on the cells and at the same time the vessel is self-checking. The unique, patented blind load hole technology used in these mounts introduces the load at the neutral axis of the load cell which helps minimize the effects of side loads.

Dimensions

RATED CAPACITY	C	D	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4	W	W1	Q (FT-LB)
lb/inches															
520 (2.3 kN†)	.375	.437	3.49	1.00	.50	.75	2.98	7.51	3.00	4.00	3.00	.50	4.00	3.00	65
1125-5200 (5-23 kN†)	.437	.437	3.58	1.25	.50	.75	3.06	7.51	3.00	4.00	3.00	.50	4.00	3.00	65
11,250 (50 kN†)	.562	.562	4.66	1.50	.62	1.00	4.09	9.19	3.87	5.00	3.87	.56	5.00	3.87	295
22,500 (100 kN†)	.688	.688	6.41	2.00	.75	1.25	5.73	11.46	4.75	6.00	4.75	.69	6.00	4.75	515
kg/mm															
236.1	9.5	11.1	88.6	25.4	12.7	19.1	75.7	190.8	76.2	101.6	76.2	12.7	101.6	76.2	—
510.8-2360	11.1	11.1	90.9	31.8	12.7	19.1	77.7	190.8	76.2	101.6	76.2	12.7	101.6	76.2	—
5107.5	14.3	14.3	118.4	38.1	15.7	25.4	103.9	233.4	98.3	127.0	98.3	14.2	127.0	98.3	—
10,215.0	17.5	17.5	162.8	50.8	19.1	31.8	145.5	291.1	120.7	152.4	120.7	17.5	152.4	120.7	—

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
NTEP 3-Module Kit		
1125 lb (5 kN†/510.8 kg)	29871	\$2,695.00
2250 lb (10 kN†/1021.5 kg)	29872	2,695.00
5200 lb (23 kN†/2360.8 kg)	29873	2,695.00
11,250 lb (50 kN†/5107.5 kg)	29874	3,295.00
NTEP 4-Module Kit		
1125 lb (5 kN†/510.8 kg)	29875	3,525.00
2250 lb (10 kN†/1021.5 kg)	29876	3,525.00
5200 lb (23 kN†/2360.8 kg)	29877	3,525.00
11,250 lb (50 kN†/5107.5 kg)	29878	3,895.00

* Side Stop and Free Sliding Units

** Fixed Pin units

† kN = Kilonewtons 1 kN = 224.8089 lb

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
Non-NTEP 3-Module Kit		
520 lb (2.3 kN†/236.1 kg)	38205	\$3,595.00
1125 lb (5 kN†/510.8 kg)	17977	2,695.00
2250 lb (10 kN†/1021.5 kg)	17978	2,695.00
5200 lb (23 kN†/2360.8 kg)	17979	2,695.00
11,250 lb (50 kN†/5107.5 kg)	17980	3,295.00
22,500 lb (100 kN†/10,215.0 kg)	17981	4,095.00
Non-NTEP 4-Module Kit		
520 lb (2.3 kN†/236.1 kg)	38206	4,795.00
1125 lb (5 kN†/510.8 kg)	17984	3,525.00
2250 lb (10 kN†/1021.5 kg)	17985	3,525.00
5200 lb (23 kN†/2360.8 kg)	17986	3,525.00
11,250 lb (50 kN†/5107.5 kg)	17987	4,095.00
22,500 lb (100 kN†/10,215.0 kg)	17988	4,995.00
**Conduit Adapter	17703	35.00

**1/2-14 NPT

RLBTM Mild/Stainless

Steel Weigh Modules

Standard Features

- Capacities (per module): 500-5,000 lb SE mild steel/1,000-4,000 lb stainless steel
- Zinc plated mild steel construction or stainless steel
- Self-checking, multi-directional movement
- Design incorporates a ball and cup for self centering
- The RLBTM will accommodate a standard shear beam 500 lb-5,000 lb SE load cell that has a threaded load hole. RL30000, RL39123, RL35023, RL35082, RL35083.

Applications

- Light to medium-capacity tanks and hoppers
- Conveyors



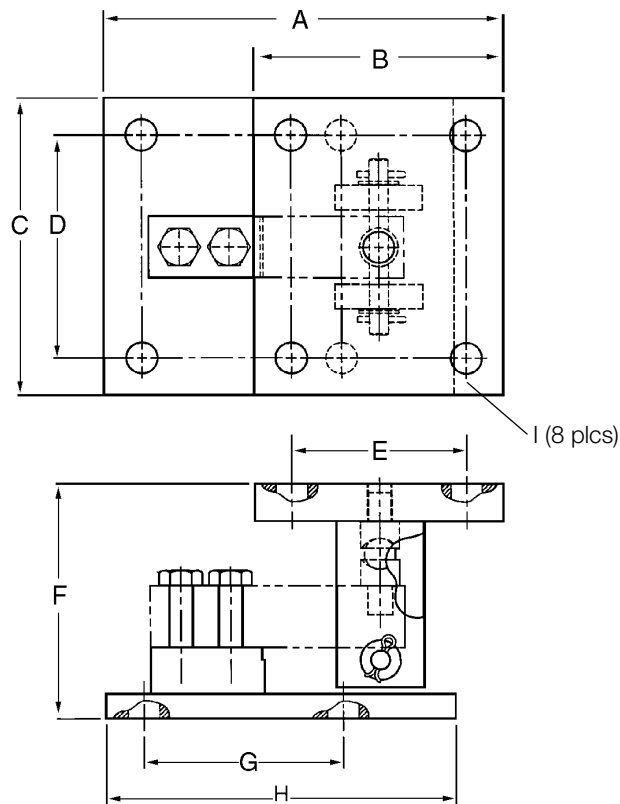
Does not include load cell.

Picture is a representation of actual product

The RLBTM mount was specifically created to take advantage of the improved load introduction accuracy of the ball and cup design. This multi-purpose mount is ideal for both indoor and outdoor applications, and can be used with a variety of single-ended beam load cells. Available in both mild and stainless steel. This product offers superior accuracy at an affordable price. These assemblies are also quick and easy to install, making the RLBTM the perfect choice for your low-capacity, multi-purpose weighing needs.

RLBTM Mild/Stainless

Steel Weigh Modules



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I
lb/inches									
250-5000 SE	8.00	5.00	6.00	4.50	3.50	4.75	4.00	7.00	.63
kg/mm									
113.4/2268.0	203.2	127	152.4	114.3	88.9	120.6	101.6	177.8	16.0

Mild Steel Order Information

*LOAD RATING (PER MODULE)	PART #	PRICE
Single Module (Does NOT Include Load Cell)		
500 lb-5,000 lb SE (113.4-2268.0 kg)	53059	\$325.00

SE refers to small envelope

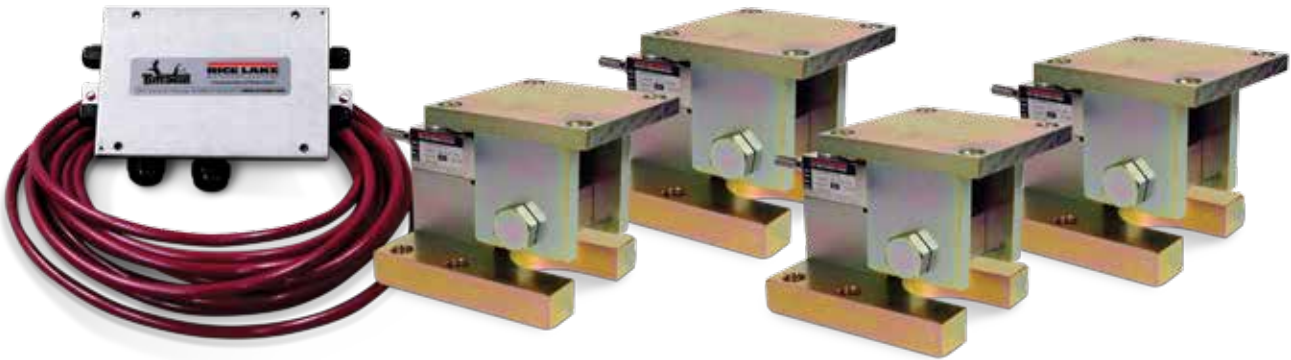
* Load Rating is per module

Stainless Steel Order Information

*LOAD RATING (PER MODULE)	PART #	PRICE
Single Module (Does NOT Include Load Cell)		
1,000-4,000 lb (453.6-1814.4 kg)	53066	\$515.00

RL1800 Series

Mild Steel/Stainless Steel Weigh Modules



Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The RL1800 Series Mounting Assembly Kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1800 Series kit is ideally suited for indoor and outdoor process control operations with medium-range capacities. Each module combines multi-directional movement and self-checking capabilities. The RL35023 and RL35023S load cells used are NTEP certified in capacities of 1000lb to 10,000lb.



Module with RL35023 single-ended beam load cell.

Standard Features

- Capacities (per module): 250-10,000 lb (113.4-4535.9 kg)
- NTEP Certified cells in 1000-10,000 lb (453.6-4535.9 kg) capacities, except 3000 lb (1360.9 kg)
- Zinc plated mild steel/stainless steel construction
- Center-pivoted, tension loading design
- Self-checking, multi-directional movement
- Load is suspended on high-strength bolt instead of wire rope
- Design incorporates spherical washers for self centering
- Stainless steel kit includes RL35023S NTEP Certified load cell

Applications

- Conveyors
- Medium-capacity tanks and hoppers

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 RL1800 mild or stainless steel compression mounts
- 3 or 4 RL35023 single-ended beam load cells, RL35023S used in stainless kits
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

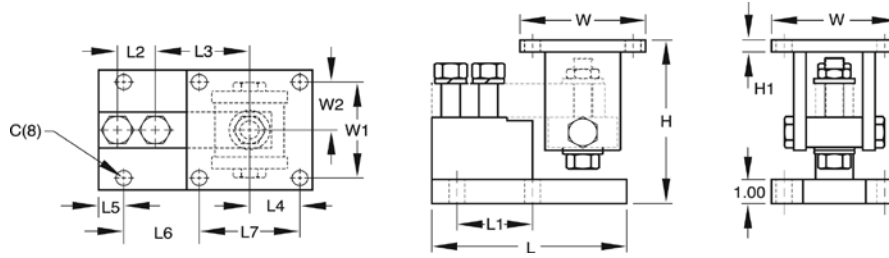
Load Cell Certifications



NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.

RL1800 Series

Mild Steel/Stainless Steel Weigh Modules



Dimensions

RATED CAPACITY	C	H MIN/ MAX	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
Mild Steel Construction														
lb/inches														
250-5000 SE	.62	5.25/5.56	.50	6.00	2.00	1.00	3.00	2.00	.68	1.94	4.00	5.00	4.00	2.00
5000 LE-10,000	.62	6.12/6.62	.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00
kg/mm														
113.4-2268.0	15.8	133.4/141.2	12.7	152.4	50.8	25.4	76.2	50.8	17.3	49.3	101.6	127.0	101.6	50.8
2268.0-4535.9	15.8	155.4/168.1	12.7	196.9	76.2	38.1	95.3	50.8	26.2	75.4	101.6	127.0	101.6	50.8
Stainless Steel Construction														
lb/inches														
1000-4000	.62	5.25/5.56	.50	6.00	2.00	1.00	3.00	2.00	.68	1.94	4.00	5.00	4.00	2.00
5000-10,000	.62	6.12/6.62	.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00
kg/mm														
453.6-1814.4	15.8	133.4/141.2	12.7	152.4	50.8	25.4	76.2	50.8	17.3	49.3	101.6	127.0	101.6	50.8
2268.0-4535.9	15.8	155.4/168.1	12.7	196.9	76.2	38.1	95.3	50.8	26.2	75.4	101.6	127.0	101.6	50.8

Mild Steel Order Information

*LOAD RATING (PER MODULE)	PART #	PRICE
Single Module (Does NOT Include Load Cell)		
250-5000 lb SE (113.4-2268.0 kg)	17817	\$325.00
5000 LE-10,000 lb (2268.0-4535.9 kg)	17819	350.00
3-Module Kit		
**250 lb (113.4 kg)	18075	1,995.00
**500 lb (226.8 kg)	18076	1,995.00
1000 lb (453.6 kg)	18077	1,995.00
2000 lb (907.2 kg)	18078	1,995.00
2500 lb (1134.0 kg)	18079	1,995.00
3000 lb (1360.8 kg)	18080	1,995.00
4000 lb (1814.4 kg)	18081	1,995.00
5000 lb SE (2268.0 kg)	18082	1,995.00
5000 lb LE (2268.0 kg)	18083	2,295.00
10,000 lb (4535.9 kg)	18084	2,295.00
4-Module Kit		
**250 lb (113.4 kg)	18085	2,595.00
**500 lb (226.8 kg)	18086	2,595.00
1000 lb (453.6 kg)	18087	2,595.00
2000 lb (907.2 kg)	18088	2,595.00
2500 lb (1134.0 kg)	18089	2,595.00
3000 lb (1360.8 kg)	18090	2,595.00
4000 lb (1814.4 kg)	18091	2,595.00
5000 lb SE (2268.0 kg)	18092	2,595.00
5000 lb LE (2268.0 kg)	18093	2,995.00
10,000 lb (4535.9 kg)	18094	2,995.00

SE refers to small envelope
LE refers to large envelope

Stainless Steel Order Information

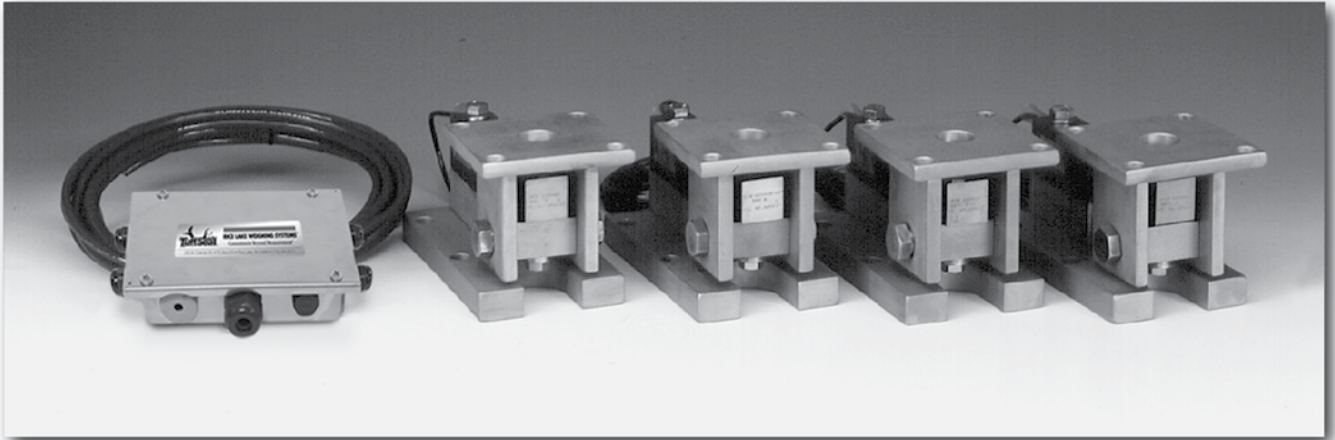
*LOAD RATING (PER MODULE)	PART #	PRICE
Single Module (Does NOT Include Load Cell)		
250-4000 lb (113.4-1814.4 kg)	17818	\$525.00
5000-10,000 lb (2268.0-4535.9 kg)	17820	550.00
3-Module Kit		
1000 lb (453.6 kg)	18095	2,695.00
2000 lb (907.2 kg)	18096	2,695.00
2500 lb (1134.0 kg)	18097	2,695.00
4000 lb (1814.4 kg)	18099	2,695.00
5000 lb LE (2268.0 kg)	18100	2,925.00
10,000 lb (4535.9 kg)	18101	2,925.00
4-Module Kit		
1000 lb (453.6 kg)	18102	3,595.00
2000 lb (907.2 kg)	18103	3,595.00
2500 lb (1134.0 kg)	18104	3,595.00
4000 lb (1814.4 kg)	18106	3,595.00
5000 lb LE (2268.0 kg)	18107	3,910.00
10,000 lb (4535.9 kg)	18108	3,910.00
Dummy Cell		
Dummy load cell 1-5 k SE	22980	45.00

* Load Rating is per module

** Use RL30000 load cells

RL1900 Series

Stainless Steel Weigh Modules



Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The RL1900 Series Weigh Module Kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1900 kit is ideally suited for tank, hopper and bin weighing operations with medium-range capacities. Each module combines multi-directional movement and self-checking capabilities. The welded seal stainless steel RLSSB load cell withstands washdown and corrosive environments that may present problems to other cells.

Module with welded-seal RLSSB single-ended beam load cell.



Standard Features

- NTEP Certified load cells, 1:5000d, Class III Single Cell
- Capacities (per module): 1000-10,000 lb (453.6-4535.9 kg)
- 304 stainless steel construction
- Center-pivoted, tension loading design
- Welded-seal stainless steel load cells
- Self-checking, multi-directional movement
- Easy load cell replacement
- Load is suspended on high-strength bolt instead of wire rope
- Design incorporates spherical washers

Applications

- Medium-capacity tanks, bins and hoppers
- Washdown or corrosive applications

Optional Features

- Also compatible with HBM SB3 load cells
- Also compatible with RTI SSB load cells

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 RL1900 stainless steel compression mounts
- 3 or 4 RLSSB welded stainless steel single-ended beam load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

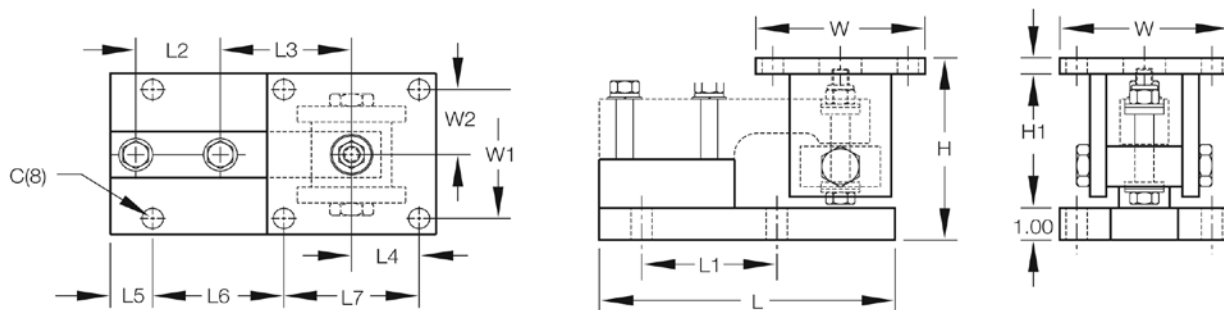
Load Cell Certifications



NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.

RL1900 Series

Stainless Steel Weigh Modules



Dimensions

RATED CAPACITY	C	H MIN/MAX	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
lb/inches														
1000-5000	.62	5.38/5.62	.50	8.75	4.00	2.50	3.88	2.00	1.12	4.00	4.00	5.00	4.00	2.00
10,000	.81	6.88/7.50	1.00	9.75	5.00	2.63	4.88	2.25	1.00	5.00	4.50	6.00	4.50	2.25
kg/mm														
453.6-2268.0	15.8	136.7/142.9	12.7	222.3	101.6	63.5	98.6	50.8	28.4	101.6	101.6	127.0	101.6	50.8
4535.9	20.6	174.8/190.5	25.4	247.7	127.0	66.8	124.0	57.2	25.4	127.0	114.3	152.4	114.3	57.2

Order Information

*LOAD RATING (PER MODULE)	PART #	PRICE
Single Module (Does NOT include Load Cell)		
1000-5000 lb (453.6-2268.0 kg)	17841	\$575.00
10,000 lb (4535.9 kg)	17843	625.00
3-Module Kit		
1000 lb (453.6 kg)	18109	3,670.00
2000 lb (907.2 kg)	18110	3,670.00
5000 lb (2268.0 kg)	18111	3,670.00
10,000 lb (4535.9 kg)	18112	4,085.00
4-Module Kit		
1000 lb (453.6 kg)	18113	4,895.00
2000 lb (907.2 kg)	18114	4,895.00
5000 lb (2268.0 kg)	18115	4,895.00
10,000 lb (4535.9 kg)	18116	5,415.00

* Load Rating is per module

RTM

Stainless Steel Tank Weigh Module, HBM



Picture is a representation of actual product

The RTM weigh module assembly features a stainless steel, hermetically sealed THC load cell and a fully stainless steel mount including all associated hardware. Utilizing a rocker pin-loading concept, this design provides accurate weighing in the most adverse conditions. Standard features include both overload and overlift protection, making it ideal for most outdoor low-capacity tank and vessel weighing applications. Each HBM RTM module is provided standard with one load cell with 15 ft of cable, one mount, and all associated hardware.

SPECIFICATIONS:

Full Scale Output:

2.0 ± 0.2 mV/V

Bridge Resistance:

350 ohms

Material/Finish:

Stainless steel

Temperature:

Compensated range
15°F to 104°F/-97°C to 40°C

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

15V DC

Combined Error:

0.03% Full scale

Insulation Resistance:

5000 megohms

Seal Type:

Hermetically sealed, IP68

Cable Length:

15 ft/4.6 m (500-4,000 lb) 30 ft/9.1 m (5,000-10,000 lb)

Cable Color Code:

Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal

Warranty:

One-year limited warranty

Standard Features

- Capacities: 500-10,000 lb (226.8-4536.0 kg)
- Stainless steel
- Overload and overlift protection
- Rocker pin loading
- Hermetically sealed
- Integral lateral stops
- 15 ft cable

Applications

- Lower capacity tank and vessel weighing
- Process control and batching

Complete Kit Includes

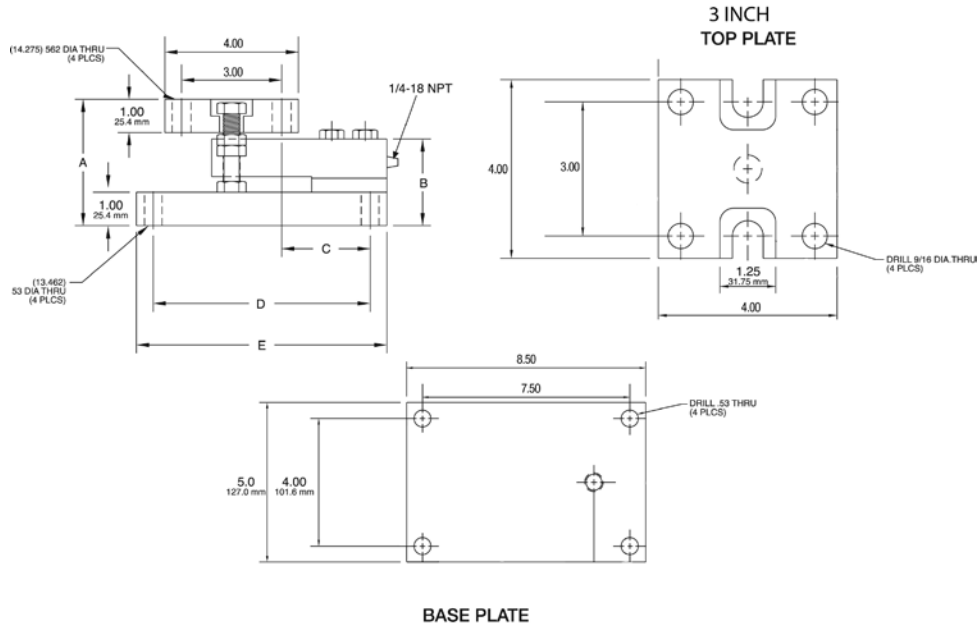
- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 HBM RTM stainless steel mounting assemblies
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications



RTM

Stainless Steel Tank Weigh Module, HBM



Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
500-2500	3.78	2.59	2.65	6.50	7.50
4000	3.94	2.59	2.65	6.50	7.50
5000	4.03	2.83	2.65	6.50	7.50
10,000	4.28	3.08	3.65	7.50	8.50
kg/mm					
226.8-1134	96.0	65.7	67.3	165.1	190.5
1814.4	100.0	65.7	67.3	165.1	190.5
2268	102.3	71.8	67.3	165.1	190.5
4536	108.7	78.2	92.71	190.5	215.9

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
500 lb (226.8 kg)	69347	\$1,050.00
1250 lb (567.0 kg)	69346	1,050.00
2500 lb (1134.0 kg)	69348	1,050.00
4000 lb (1814.4 kg)	69349	1,050.00
5000 lb (2268.0 kg)	69350	1,295.00
10,000 lb (4536.0 kg)	69351	1,295.00
3-Module Kit		
500 lb (226.8 kg)	98949	3,260.00
1250 lb (567.0 kg)	98950	3,260.00
2500 lb (1134.0 kg)	98951	3,260.00
4000 lb (1814.4 kg)	98952	3,260.00
5000 lb (2268.0 kg)	98953	3,995.00
10,000 lb (4536.0 kg)	98954	3,995.00

Order Information

LOAD RATING	PART #	PRICE
4-Module Kit		
500 lb (226.8 kg)	98955	\$4,415.00
1250 lb (567.0 kg)	98956	4,415.00
2500 lb (1134.0 kg)	98957	4,415.00
4000 lb (1814.4 kg)	98958	4,415.00
5000 lb (2268.0 kg)	98959	5,295.00
10,000 lb (4536.0 kg)	98960	5,295.00

RLTM

Stainless Steel Tank Weigh Module



Picture is a representation of actual product

The RLTM weigh module assembly features a stainless steel, welded sealed RL30745 load cell and a fully stainless mount including all associated hardware. Using a rocker pin-loading concept, this design provides accurate weighing in most conditions. Standard features include both overload and overlift protection, making it ideal for most outdoor low-capacity tank and vessel weighing applications. Each Rice Lake RLTM module is provided standard with one load cell with 30 ft of cable and one mount.

Load Cell Specifications:

Full Scale Output:

2.0 ± 0.2 mV/V

Bridge Resistance:

350 ohms

Material/Finish:

Stainless steel

Temperature:

Compensated range
15°F to 104°F/-9°C to 40°C

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

15V DC

Combined Error:

0.03% Full scale

Insulation Resistance:

5000 megohms

Seal Type:

Welded seal, IP67

Cable Length:

30 ft/9.1 m (500-10 k)

Cable Color Code:

Green + Excitation
Black - Excitation
White + Signal
Red - Signal

Warranty:

Two-year limited warranty

Standard Features

- Capacities: 500-10,000 lb (226.8-4536.0 kg)
- Stainless steel
- Overload and overlift protection
- Rocker pin loading
- Welded sealed load cells
- Integral lateral stops
- 30 ft cable on load cells

Applications

- Lower capacity tank and vessel weighing
- Process control and batching

Complete Kit Includes

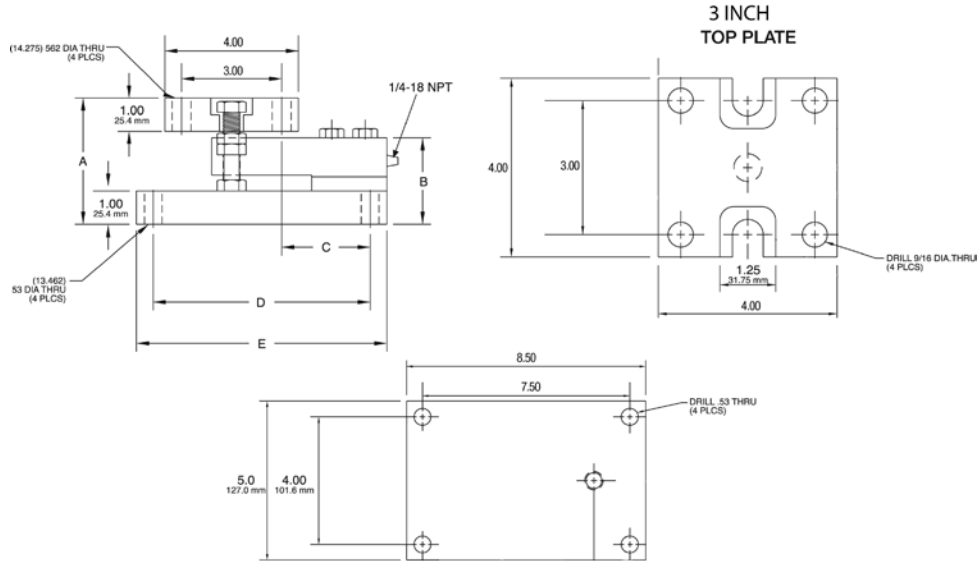
- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 Rice Lake RLTM stainless steel mounting assemblies
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications



RLTM

Stainless Steel Tank Weigh Module



Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
500-2500	3.77	2.59	2.62	6.50	7.50
5000	3.99	2.83	2.62	6.50	7.50
10,000	4.27	3.08	3.88	7.50	8.50
kg/mm					
226.8-1134	95.7	65.7	66.5	165.1	190.5
2268	101.3	71.8	66.5	165.1	190.5
4536	108.4	78.2	98.5	190.5	215.9

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
500 lb (226.8 kg)	159288	\$895.00
1250 lb (567.0 kg)	159289	895.00
2500 lb (1134.0 kg)	159290	895.00
5000 lb (2268.0 kg)	159291	1,095.00
10,000 lb (4536.0 kg)	159292	1,095.00
3-Module Kit		
500 lb (226.8 kg)	162942	2,795.00
1250 lb (567.0 kg)	162944	2,795.00
2500 lb (1134.0 kg)	162945	2,795.00
5000 lb (2268.0 kg)	162946	3,495.00
10,000 lb (4536.0 kg)	162947	3,495.00

Order Information

LOAD RATING	PART #	PRICE
4-Module Kit		
500 lb (226.8 kg)	162948	\$3,695.00
1250 lb (567.0 kg)	162949	3,695.00
2500 lb (1134.0 kg)	162950	3,695.00
5000 lb (2268.0 kg)	162951	4,495.00
10,000 lb (4536.0 kg)	162953	4,495.00

RL9000TWM Series

Tank, Hopper & Vessel Weighing Assembly



Picture is a representation of actual product

The RL9000TWM Series stainless steel weigh module is ideal for use in tank, hopper, vessel, and many other applications. The low-profile design offers an economical solution in a competitive marketplace. This rugged, high-precision mount is designed for easy installation and does not require check rods or other stabilizing hardware. The stainless steel construction and welded seal offer additional protection in washdown areas.

Load Cell Specifications

Full Scale Output:

3 mV/V +/- .1%

Bridge Resistance:

350 ohms

Material/Finish:

Stainless steel*

Safe Overload:

150% F.S.

Rated Excitation:

10V DC

Operating Temperature:

0° to 150° F

Insulation Resistance:

5000 megohms

Seal Type:

Welded seal IP 67

Cable Length:

25 ft

Cable Color Code:

Green+ Excitation

Black.....- Excitation

White+ Signal

Red- Signal

Warranty:

Two-year limited

Standard Features

- Capacities: 1000-450,000 lb
- Very low profile design
- 3 mV/V output
- Self-centering
- Self-checking assembly
- Offers 100% sideload, 100% uplift and 150% safe load and 300% ultimate overload protection
- Stainless steel construction
- Welded seal
- Weighs accurately with as much as a 3° non-parallel load
- Integral 25 ft cable

Applications

- Tank, hopper, or vessel weighing

Optional Features

- Stainless steel top plates
- *150K-450 k have mild steel painted base plate*

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 stainless steel mounting assemblies
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications



Assembly with integral RL9000TWM compression disk load cell.



RL9000TWM Series

Tank, Hopper & Vessel Weighing Assembly

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
Single Module		
1000 lb	84353	\$610.00
2500 lb	84354	610.00
5000 lb	84355	610.00
10,000 lb	84356	610.00
15,000 lb	84357	610.00
20,000 lb	84358	1,210.00
25,000 lb	84359	1,210.00
35,000 lb	84360	1,210.00
50,000 lb	84361	1,210.00
60,000 lb	84362	2,110.00
75,000 lb	84363	2,110.00
100,000 lb	84364	2,110.00
150,000 lb	84365	4,410.00
200,000 lb	84366	4,410.00
250,000 lb	84368	6,510.00
300,000 lb	84369	6,510.00
400,000 lb	84370	6,510.00
450,000 lb	84371	6,510.00
3-Module Kit		
1000 lb	98974	2,040.00
2500 lb	98980	2,040.00
5000 lb	98981	2,040.00
10,000 lb	98982	2,040.00
15,000 lb	98983	2,040.00
20,000 lb	98984	3,840.00
25,000 lb	98985	3,840.00
35,000 lb	98986	3,840.00
50,000 lb	98987	3,840.00
60,000 lb	98988	6,540.00
75,000 lb	98989	6,540.00
100,000 lb	98990	6,540.00
150,000 lb	98991	13,440.00
200,000 lb	98992	13,440.00
250,000 lb	98993	19,740.00
300,000 lb	98994	19,740.00
400,000 lb	98995	19,740.00
450,000 lb	98996	19,740.00

*150 k-450 k have mild steel painted base plates

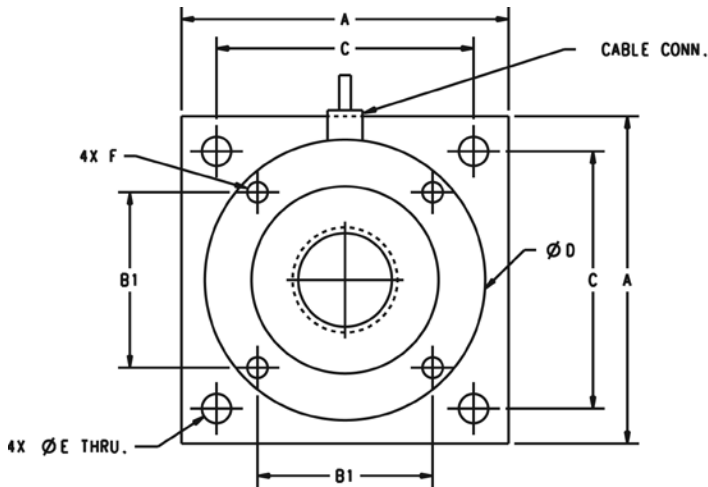
LOAD RATING (PER MODULE)	PART #	PRICE
4-Module Kit		
1000lb	98997	\$2,555.00
2500 lb	98998	2,555.00
5000 lb	98999	2,555.00
10,000 lb	99000	2,555.00
15,000 lb	99001	2,555.00
20,000 lb	99002	4,955.00
25,000 lb	99003	4,955.00
35,000 lb	99004	4,955.00
50,000 lb	99005	4,955.00
60,000 lb	99006	8,555.00
75,000 lb	99007	8,555.00
100,000 lb	99008	8,555.00
150,000 lb	99009	17,755.00
200,000 lb	99010	17,755.00
250,000 lb	99011	26,155.00
300,000 lb	99012	26,155.00
400,000 lb	99013	26,155.00
450,000 lb	99014	26,155.00
Top Plates (Stainless Steel) with bolts		
1 k-15 k	91207	150.00
20 k-50 k	91210	325.00
60 k-100 k	91211	695.00
150 k-200 k	91213	895.00
250 k-450 k	91215	1,695.00
Top Plates (Mild Steel) with bolts		
1 k-15 k	124758	75.00
20 k-50 k	125141	145.00
60 k-100 k	124759	195.00
150 k-200 k	124760	325.00
250 k-450 k	124761	425.00
**Center Bolt Removal Tool		
20-50 k	151637	32.00
60-100 k	151638	55.00
150-200 k	151639	99.00
250-450 k	161935	125.00
Dummy Weigh Modules		
1-10 k	158749	95.00
15 k	158750	125.00
20-50 k	158752	135.00
60-100 k	158753	150.00
150-200 k	158754	395.00
250-450 k	158755	425.00

*150 k-450 k have mild steel painted base plates

**1-15k use 5/16 allen wrench

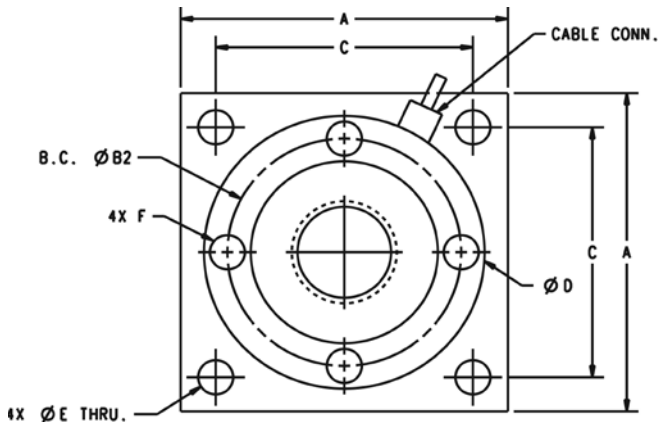
RL9000TWM Series

Tank, Hopper & Vessel Weighing Assembly



Dimensions (inches)

RATED CAPACITY	A	B1	C	D	E	F	G	H	I	CONDUIT ADAPTER
1 k-10 k	4.00	2.00	3.25	3.50	0.40	3/8-16	1.35	0.375	0.75	N/A
15 k	4.00	2.00	3.25	3.50	0.40	3/8-16	1.60	0.625	0.75	N/A
20 k-50 k	7.00	3.75	5.50	6.00	0.63	1/2-13	2.48	0.75	1.30	1/2-14 NPT
60 k-100 k	8.00	4.25	6.50	7.00	0.81	3/4-16	2.50	1.00	1.30	1/2-14 NPT

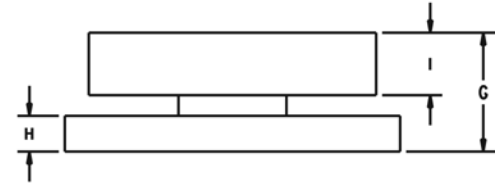
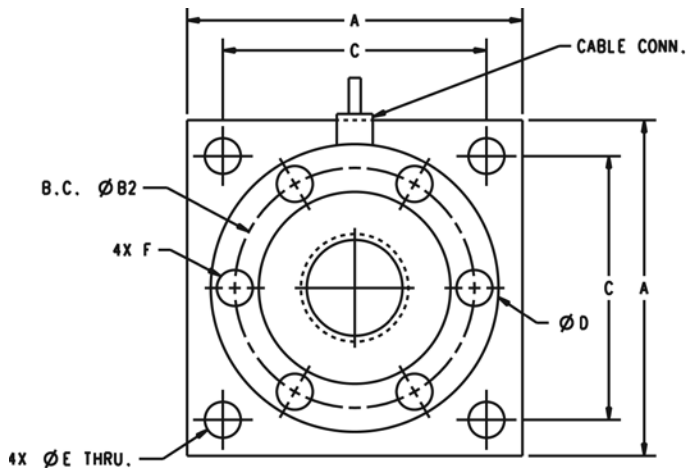


Dimensions (inches)

RATED CAPACITY	A	B2	C	D	E	F	G	H	I	CONDUIT ADAPTER
150 k-200 k	10.0	7.825	8.00	9.00	1.10	1-14	4.75	2.00	1.70	1/2-14 NPT

RL9000TWM Series

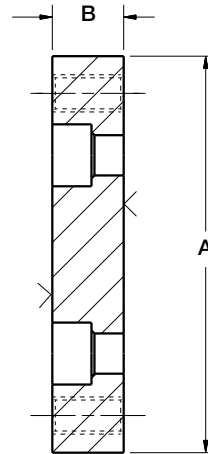
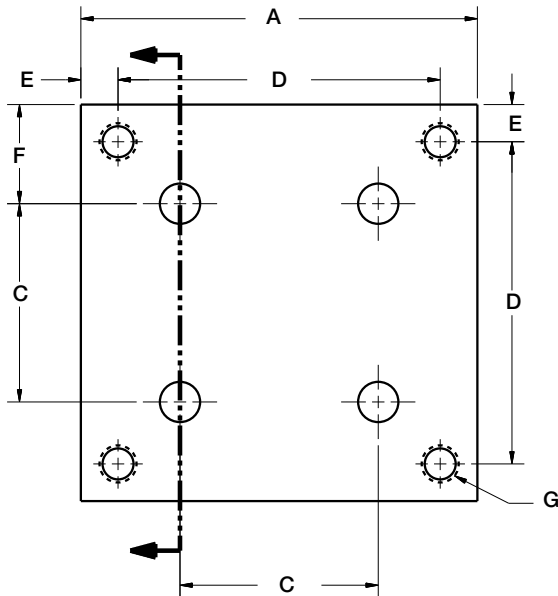
Tank, Hopper & Vessel Weighing Assembly



Dimensions (inches)

RATED CAPACITY	A	B2	C	D	E	F	G	H	I	CONDUIT ADAPTER
250k-450k	11.00	7.75	9.00	9.00	1.30	7/8-14	6.42	3.00	2.25	1/2-14NPT

Optional Top Plates



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G
lb/inches							
1k - 15k	4.00	0.72	2.00	3.25	0.38	1.00	3/8-16 NC
20k - 50k	7.00	0.97	3.75	5.50	0.75	1.62	5/8-11 NC
60k - 100k	8.00	1.46	4.25	6.50	0.75	1.88	3/4-16 NF
150k - 200k	10.00	1.94	5.53	8.00	1.00	2.25	1-14 UNS
250k - 450k	11.00	2.94	7.75 B.C.	9.00	1.00	1.00	1-1/4-12 NF

RL9000TWM-HT

Tank, Hopper & Vessel Weighing Module

Standard Features

- Capacities: 1000-50,000 lb
- Very low profile design
- 3 mV/V output
- Self-centering
- Self-checking assembly
- Offers 100% sideload, 100% uplift and 150% safe load and 300% ultimate overload protection
- Stainless steel construction
- Welded seal
- Weighs accurately with as much as a 3° on-parallel load
- Integral 25 ft FEP cable

Optional Features

- Stainless steel top plates
- Higher capacities available upon request

Applications

- Tank, hopper, or vessel weighing
- High temperature applications

Load Cell Specifications

Full Scale Output:

3 mV/V +/- .1%

Bridge Resistance:

700 ohms

Material/Finish:

Stainless steel*

Safe Overload:

150% F.S.

Rated Excitation:

10V DC

Operating Temperature:

0° to 400° F

Insulation Resistance:

5000 megohms

Seal Type:

Welded seal IP67

Cable Length:

25 ft FEP Jacket

Cable Color Code:

Green+ Excitation
 Black.....- Excitation
 White+ Signal
 Red- Signal

Warranty:

Two-year limited



Picture is a representation of actual product

The RL9000TWM-HT is the latest addition to the popular RL9000TWM Series weigh module. The RL9000TWM-HT is a high temperature version that is designed to operate in temperatures up to 400°F.

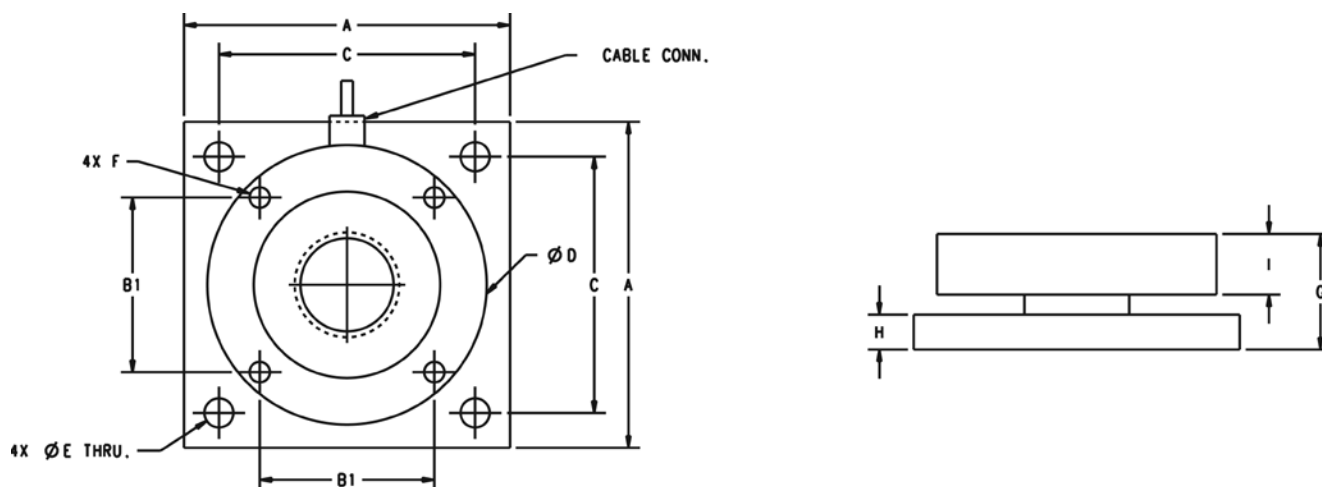
The integral 25 ft of FEP cable compliments the RL9000TWM-HT weigh module.

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
Single Module		
1000 lb	117050	\$1,015.00
2500 lb	117051	1,015.00
5000 lb	117052	1,015.00
10,000 lb	117140	1,015.00
15,000 lb	117053	1,015.00
20,000 lb	117054	1,710.00
25,000 lb	117055	1,710.00
35,000 lb	117056	1,710.00
50,000 lb	117057	1,710.00
Top Plates (Stainless Steel) with bolts		
1 k-15 k	91207	150.00
20 k-50 k	91210	325.00
Top Plates (Mild Steel) with bolts		
1 k-15 k	124758	75.00
20 k-50 k	125141	145.00

RL9000TWM-HT

Tank, Hopper & Vessel Weighing Module

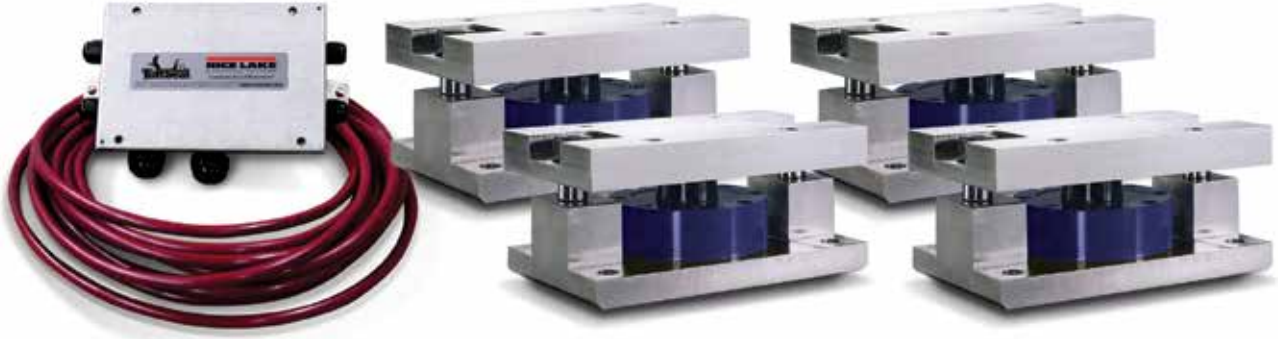


Dimensions

RATED CAPACITY	A	B1	C	D	E	F	G	H	I	CONDUIT ADAPTER
lb/inches										
1k - 10k	4.00	2.00	3.25	3.50	0.40	3/8-16NC	1.35	0.375	0.75	—
15k	4.00	2.00	3.25	3.50	0.40	3/8-16NC	1.60	0.625	0.75	—
20k - 50k	7.00	3.75	5.50	6.00	0.63	1/2-13NC	2.48	0.750	1.30	1/2-14NPT

RL2200 Series

Tank, Hopper & Vessel Weighing Assembly



Available in configurations with three or four mounting assemblies.
Picture is a representation of actual product

The RL2200 Series mounts are ideal for use in tank, hopper, vessel, and many other applications. The low-profile design allows for economical solutions in a competitive marketplace. This rugged, high-precision mount is designed for easy installation and does not require check rods or other stabilizing hardware. The RL2200 mount has the added feature of self centering, allowing for side loads without sacrificing performance.

Load Cell Specifications

Full Scale Output:
4.0 mV/V, 2.0 mV/V (2500 lb)

Bridge Resistance:
350 ohms nominal

Material/Finish:
High-alloy steel, painted

Safe Overload:
150% Full Scale

Rated Excitation:
10VDC (20V maximum)

Nonlinearity:
0.05% Full Scale

Hysteresis:
0.03% Full Scale

Temperature:
Compensated range:
15°F to 115°F/-9°C to 46°C

Insulation Resistance:
5000 megohms

Seal Type:
Environmentally sealed

***Cable Length:**
30 ft/9.1 m

Cable Color Code:
Red + Excitation
Black - Excitation
White + Signal
Green - Signal

Warranty:
Two-year limited warranty

*Compression load application

Standard Features

- Capacities: 2500-50,000 lb (1134-22,680 kg)
- Low-profile design
- High 4 mV/V output (2 mV/V, 2500 lb)
- Self-centering in all directions—able to withstand excessive side loads
- Self-checking assembly

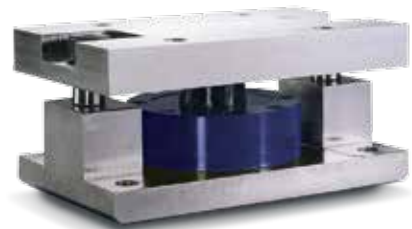
Applications

- Tank, hopper or vessel weighing
- Belt or roller conveyors
- Scale platforms and screw feeders

Complete Kit Includes

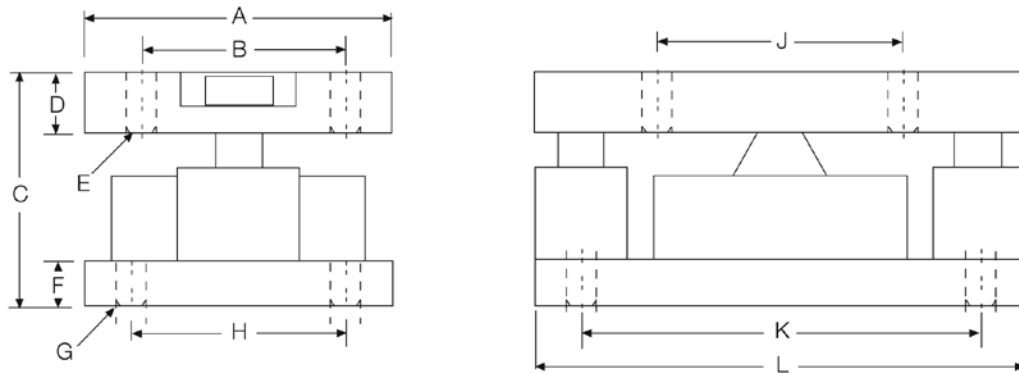
- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 RL2200 high-alloy, zinc-plated steel mounting assemblies
- 3 or 4 RL2200 compression disk load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Assembly with integral RL2200
compression disk load cell.



RL2200 Series

Tank, Hopper & Vessel Weighing Assembly



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L
lb/inches											
2500-10,000	5.0	3.50	4.00	1.00	.52	1.0	.52	3.50	4.00	6.50	8.0
25,000-50,000	6.0	4.50	5.00	1.25	.78	1.0	.78	4.50	5.00	7.75	10.0
kg/mm											
1134-4536	127.0	88.9	101.6	25.4	13.2	19.0	13.2	88.9	101.6	165.1	203.2
11,340-22,679.6	152.4	114.3	127.0	31.7	19.8	25.4	19.8	114.3	127.0	196.8	254.0

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
Single Module		
2500 lb (1134 kg)	76656	\$1,575.00
5000 lb (2268 kg)	45849	1,575.00
10,000 lb (4536 kg)	45848	1,575.00
25,000 lb (11,340 kg)	45847	2,075.00
50,000 lb (22,680 kg)	45846	2,075.00
3-Module Kit		
2500 lb (1134 kg)	76897	4,700.00
5000 lb (2268 kg)	42811	4,700.00
10,000 lb (4536 kg)	42812	4,700.00
25,000 lb (11,340 kg)	42813	6,100.00
50,000 lb (22,680 kg)	42814	6,100.00
4-Module Kit		
2500 lb (1134 kg)	76898	6,215.00
5000 lb (2268 kg)	42815	6,215.00
10,000 lb (4536 kg)	42816	6,215.00
25,000 lb (11,340 kg)	42817	7,215.00
50,000 lb (22,680 kg)	42818	7,215.00

Replacement Load Cell Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
2500 lb (1134 kg)	76654	\$1,225.00
5000 lb (2268 kg)	45708	1,225.00
10,000 lb (4536 kg)	45709	1,225.00
25,000 lb (11,340 kg)	45710	1,525.00
50,000 lb (22,680 kg)	45711	1,525.00

RL2200 SS Series

Stainless Steel, Tank, Hopper & Vessel Weighing Assembly



Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The RL2200 SS Series mounts are ideal for use in tank, hopper, vessel and many other applications. The low-profile design allows for economical solutions in a competitive marketplace. This rugged, high-precision mount is designed for easy installation and does not require check rods or other stabilizing hardware. The RL2200 SS mount has the added feature of self centering, allowing for side loads without sacrificing performance.

Assembly with integral RL2200 SS compression disk load cell.



Applications

- Tank, hopper or vessel weighing
- Belt or roller conveyors
- Scale platforms and screw feeders

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 RL2200 stainless steel mounting assemblies
- 3 or 4 RL2200 SS stainless steel, hermetically sealed, compression disk load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Load Cell Specifications

Full Scale Output:

4.0 mV/V, 2.0 mV/V (2500 lb)

Bridge Resistance:

350 ohms nominal

Material/Finish:

Stainless steel

Safe Overload:

150% Full Scale

Rated Excitation:

10VDC (20V maximum)

Nonlinearity:

0.05% Full Scale

Hysteresis:

0.03% Full Scale

Temperature:

Compensated range:
15°F to 115°F/9°C to 46°C

Insulation Resistance:

5000 megohms

Seal Type:

Hermetically sealed, IP66/68

***Cable Length:**

30 ft/9.1 m

Cable Color Code:

Red + Excitation
Black..... - Excitation
White + Signal
Green - Signal

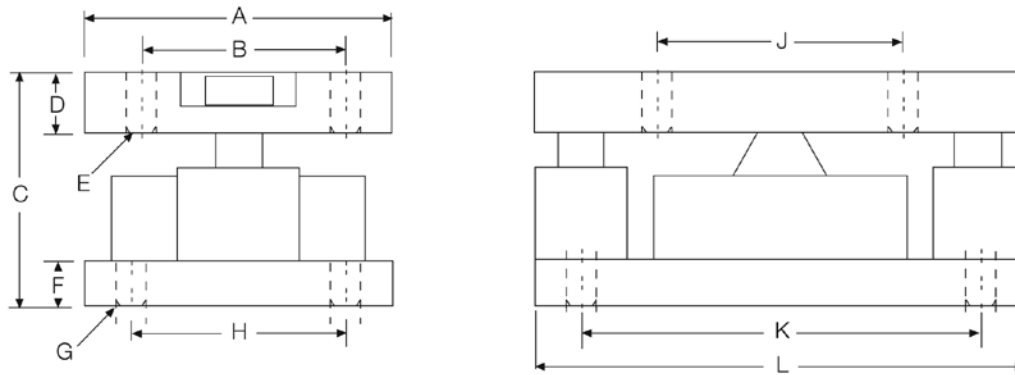
Warranty:

Two-year limited warranty

*Compression load application

RL2200 SS Series

Stainless Steel, Tank, Hopper & Vessel Weighing Assembly



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L
lb/inches											
2500-10,000	5.00	3.50	4.00	1.00	.52	1.00	.52	3.50	4.00	6.50	8.00
25,000-50,000	6.00	4.50	5.00	1.25	.78	1.00	.78	4.50	5.00	7.75	10.00
kg/mm											
1134-4536	127.0	88.9	101.6	25.4	13.2	19.0	13.2	88.9	101.6	165.1	203.2
11,340-22,679.6	152.4	114.3	127.0	31.7	19.8	25.4	19.8	114.3	127.0	196.8	254.0

Order Information

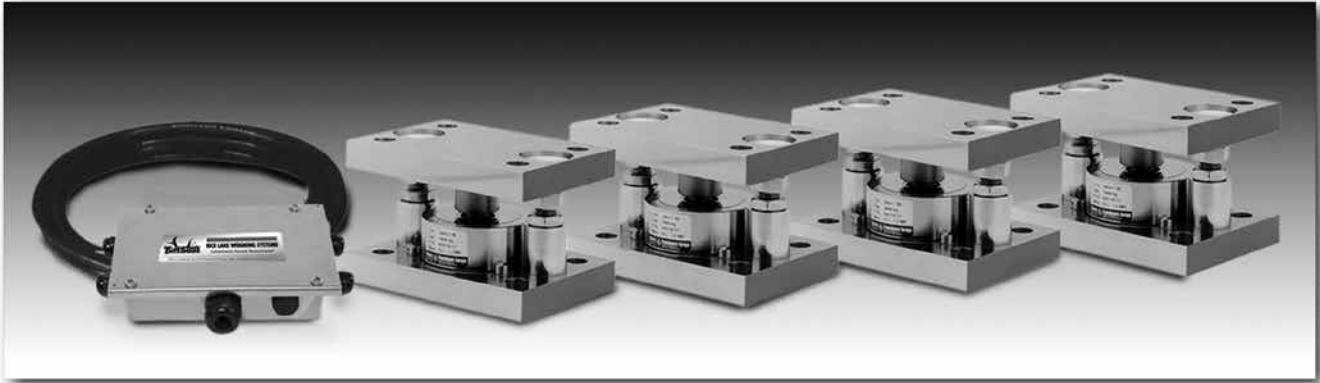
LOAD RATING (PER MODULE)	PART #	PRICE
Single Module		
2500 lb (1134 kg)	76657	\$2,295.00
5000 lb (2268 kg)	45845	2,295.00
10,000 lb (4536 kg)	45844	2,295.00
25,000 lb (11,340 kg)	45843	3,895.00
50,000 lb (22,680 kg)	45842	3,895.00
3-Module Kit		
2500 lb (1134 kg)	76899	6,495.00
5000 lb (2268 kg)	46478	6,495.00
10,000 lb (4536 kg)	46479	6,495.00
25,000 lb (11,340 kg)	46480	11,395.00
50,000 lb (22,680 kg)	46481	11,395.00
4-Module Kit		
2500 lb (1134 kg)	76900	8,595.00
5000 lb (2268 kg)	46482	8,595.00
10,000 lb (4536 kg)	46483	8,595.00
25,000 lb (11,340 kg)	46484	14,850.00
50,000 lb (22,680 kg)	46485	14,850.00

Replacement Load Cell Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
2500 lb (1134 kg)	76655	\$1,450.00
5000 lb (2268 kg)	45712	1,450.00
10,000 lb (4536 kg)	45713	1,450.00
25,000 lb (11,340 kg)	45714	2,395.00
50,000 lb (22,680 kg)	45715	2,395.00

RLC

Stainless Steel Weigh Modules, Revere Transducers



Available in configurations with three or four mounting assemblies.
Picture is a representation of actual product

The RLC self-aligning silo mount, together with the RLC load cell family, are an ideal solution for process control, batch weighing, silo/hopper and belt scale applications. The RLC mount incorporates a removable “rocker pin” design, that uses hardened stainless steel components on all load-bearing surfaces. The fully stainless steel construction guarantees long-term reliability, even in the harshest environments.

Module with hermetically sealed RLC compression canister load cell.



Standard Features

- Capacities (per module): 0.5t-5t (1102.3-11,023.1 lb)
- Matched output load cells eliminate trimming
- 304 stainless steel construction
- Rocker pin design allows movement in all directions
- Hermetically sealed, IP66/68 stainless steel load cells
- Easy load cell replacement
- Integral jacking/shipping bolts

Applications

- Medium-capacity tanks, bins and hoppers
- Washdown or corrosive applications
- Process control and batch weighing

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 RLC stainless steel compression mounts
- 3 or 4 RLC stainless steel hermetically sealed compression disk load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

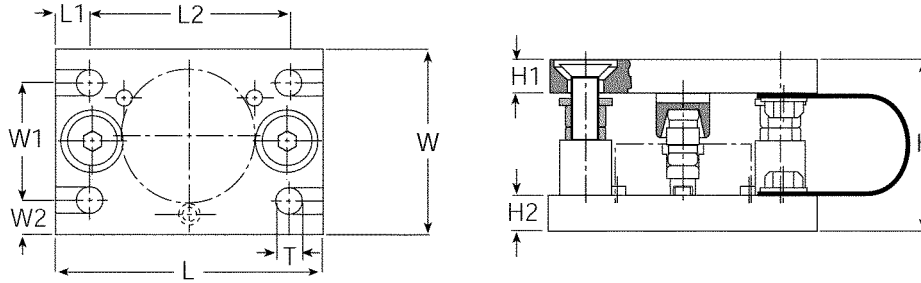
Load Cell Certifications



NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.

RLC

Stainless Steel Weigh Modules, Revere Transducers



Dimensions

RATED CAPACITY	H	H1	H2	L	L1	L2	T	W	W1	W2
ton/mm										
.5-1	80	20	15	150	15	120	14 (Top plate)	100	70	15
2-5	105	20	20	160	20	120	13.8 (Bottom plate)	110	70	20
lb/inches										
1102.3-2204.6	3.15	.79	.59	5.91	.59	4.72	.55 (Top plate)	3.94	2.76	.59
4409.2-11,023.1	4.13	.79	.79	6.30	.79	4.72	.54 (Bottom plate)	4.33	2.76	.79

Order Information

*LOAD RATING (PER MODULE)	PART #	PRICE
Single Module (Includes Load Cell)		
.5t (1102.3 lb)	36401	\$1,075.00
1t (2204.6 lb)	36402	1,075.00
2t (4409.2 lb)	36403	1,245.00
3.5t (7717.5 lb)	36404	1,245.00
5t (11,023.1 lb)	36405	1,245.00
3-Module Kit		
.5t (1102.3 lb)	36406	3,475.00
1t (2204.6 lb)	36407	3,475.00
2t (4409.2 lb)	36408	3,640.00
3.5t (7717.5 lb)	36409	3,640.00
5t (11,023.1 lb)	36410	3,640.00
4-Module Kit		
.5t (1102.3 lb)	36411	4,550.00
1t (2204.6 lb)	36412	4,550.00
2t (4409.2 lb)	36413	4,855.00
3.5t (7717.5 lb)	36414	4,855.00
5t (11,023.1 lb)	36415	4,855.00

* Load Rating is per module

220 Universal Mount

Stainless Steel Weigh Modules, Vishay Tedea-Huntleigh



Available in configurations with three or four mounting assemblies.
Picture is a representation of actual product

The 220 Universal Mount is designed to be used with the Vishay Tedea-Huntleigh Model 220 load cell. The mount incorporates built-in jacking bolts to prevent damage to the load cell during installation. Its stainless steel construction is designed to be used in the harshest of environments.

Load Cell Specifications:

Full Scale Output:
2.0mV/V

Bridge Resistance:
1000 ohms, nominal

Material/Finish:
Stainless Steel

Operating Temperature Range:
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% at center loading point, full scale

Rated Excitation:
10VDC (15V maximum)

Total Error:
0.020% Full scale

Insulation Resistance:
2000 megohms

Seal Type:
Hermetically sealed, IP68

Cable Length:
5 m (5,000 kg), 10 m (10,000-20,000 kg) 20 m (30,000 kg)

Cable Color Code:

Blue	+ Excitation
Black.....	- Excitation
Green	+ Sense
Grey	- Sense
White	+ Signal
Red	- Signal

Warranty:
One-year limited warranty

Standard Features

- Capacities (per module): 5,000-30,000 kg (11,023.1-66,139.0 lb)
- Matched output load cells eliminate trimming
- 304 stainless steel construction
- Hermetically sealed, IP68 stainless steel load cells
- Easy load cell replacement
- Integral jacking/shipping bolts

Applications

- Medium- to high-capacity tanks, bins and hoppers
- Washdown or corrosive applications
- Process control and batch weighing

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 220 stainless steel compression mounts
- 3 or 4 220 stainless steel hermetically sealed compression disk load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications



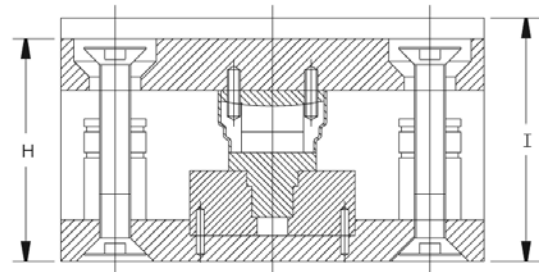
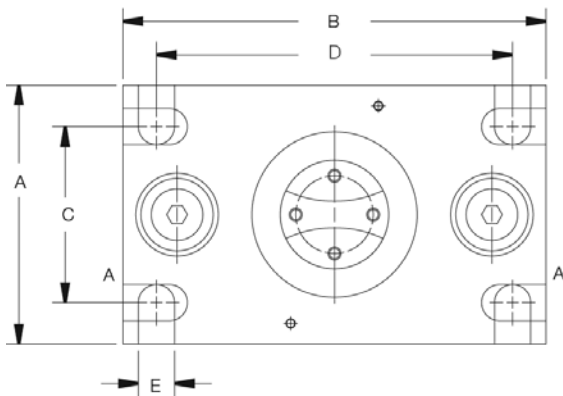
NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.

Module with hermetically sealed 220 compression load cell.



220 Universal Mount

Stainless Steel Weigh Modules, Vishay Tedea-Huntleigh



Dimensions

RATED CAPACITY	A	B	C	D	E	H	I
kg/mm							
5,000-10,000	127	203	90	170	18	107	118
20,000/30,000	152	245	115	208	24	148	156
lb/inches							
11,023.1	5.00	8.00	3.54	6.70	.71	4.21	4.65
44,092.7/66,139.0	5.98	9.65	4.53	8.19	.94	5.83	6.14

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
3-Module Kit (Includes Load Cell)		
5000 kg (11,023.1 lb)	66208	\$5,890.00
10,000 kg (22,046.3 lb)	66209	5,890.00
20,000 kg (44,092.7 lb)	66210	6,655.00
30,000 kg (66,139.0 lb)	66211	6,655.00
4-Module Kit (Includes Load Cell)		
5000 kg (11,023.1 lb)	66212	7,780.00
10,000 kg (22,046.3 lb)	66213	7,780.00
20,000 kg (44,092.7 lb)	66214	8,950.00
30,000 kg (66,139.0 lb)	66215	8,950.00

EZ Mount 1

Mild Steel Weigh Modules, Rice Lake Weighing Systems

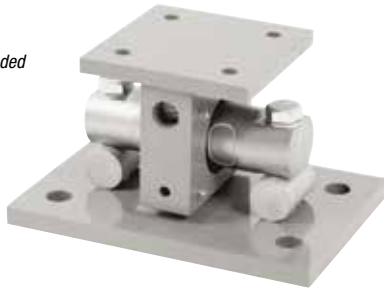


Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The EZ Mount 1 Series weigh modules utilize the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. NTEP Certified and FM approved RL70000 Series load cells give you accuracy and dependability in many applications, including intrinsically safe and explosion proof areas.

Module with RL70000 double-ended shear beam load cell.



Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 EZ Mount 1 mild steel compression mounts
- 3 or 4 RL70000 double-ended shear beam load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Applications

- Medium-to heavy-capacity tank and hopper weighing applications

Standard Features

- Capacities (per module): 5000-250,000 lb (2268-113,398.1 kg)
- NTEP Certified load cells
- Unique sliding pin design compensates for thermal expansion/contraction
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded double-ended shear beam design
- Low-profile design
- Painted mild steel construction

Optional Features

- Kits available with Revere Transducers 5103 load cell, capacities in 5000-150,000 lb (2268.0-68,039.0 kg)
- Refer to page 87 for shims

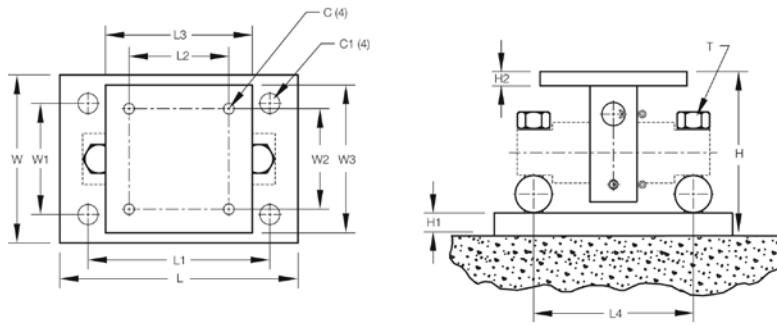
Load Cell Certifications



NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.

EZ Mount 1

Mild Steel Weigh Modules, Rice Lake Weighing Systems



Dimensions

RATED CAPACITY	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
lb/inches															
5000-20,000	.56	1.06	5.31	.75	.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000-60,000	.68	1.19	8.43	1.00	.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000	.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
150,000	.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
200,000-250,000	1.06	1.88	16.75	2.00	2.00	26.00	20.00	9.00	12.00	13.00	1 1/2-12 UNS	12.00	6.00	9.00	12.00
kg/mm															
2268.0-9071.9	14.2	26.9	134.9	19.1	12.7	279.4	203.2	76.2	152.4	174.5	5/8-18 UNF	190.5	101.6	76.2	152.4
13,607.8-27,215.5	17.3	30.2	214.1	25.4	19.1	381.0	292.1	130.0	203.2	215.9	1-14 UNS	254.0	152.4	130.1	203.2
45,359.2	20.6	35.1	263.4	31.8	31.8	457.2	355.6	190.5	254.0	241.3	1-14 UNS	304.8	228.6	190.5	254.0
68,039.0	20.6	35.1	263.4	31.8	31.8	457.2	355.6	190.5	254.0	241.3	1-14 UNS	304.8	228.6	190.5	254.0
90,718.5-113,398.1	26.9	47.8	425.5	50.8	50.8	660.4	508.0	228.6	304.8	330.2	1 1/2-12 UNS	304.8	152.4	228.6	304.8

EZ Mount 1 Mild Steel Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
Single Module (Does NOT Include Load Cell)		
5000-20,000 lb (2268.0-9071.9 kg)	17823	\$295.00
30,000-60,000 lb (13,607.8-27,215.5 kg)	17824	795.00
100,000 lb (45,359.2 kg)	17850	1,095.00
150,000 lb (68,039.0 kg)	29012	1,095.00
200,000-250,000 lb (90,719-113,398.4 kg)	26068	2,495.00
3-Module Kit		
5000 lb (2268.0 kg)	18163	2,875.00
10,000 lb (4535.9 kg)	18164	2,875.00
20,000 lb (9071.9 kg)	18165	2,875.00
30,000 lb (13,607.8 kg)	32164	4,545.00
40,000 lb (18,143.7 kg)	32167	4,545.00
50,000 lb (22,679.6 kg)	18166	4,545.00
60,000 lb (27,215.5 kg)	18167	4,545.00
100,000 lb (45,359.2 kg)	18168	7,395.00
150,000 lb (68,040 kg)	43290	7,395.00
4-Module Kit		
5000 lb (2268.0 kg)	18169	3,735.00
10,000 lb (4535.9 kg)	18170	3,735.00
20,000 lb (9071.9 kg)	18171	3,735.00
30,000 lb (13,607.8 kg)	32165	5,765.00
40,000 lb (18,143.7 kg)	32166	5,765.00
50,000 lb (22,679.6 kg)	18172	5,765.00
60,000 lb (27,215.5 kg)	18173	5,765.00
100,000 lb (45,359.2 kg)	18174	9,665.00
150,000 lb (68,040 kg)	43291	9,665.00

RTI EZ Mount 1 Mild Steel Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
3-Module Kit		
5000 lb (2268.0 kg)	18175	\$2,975.00
10,000 lb (4535.9 kg)	18176	2,975.00
20,000 lb (9071.9 kg)	18177	2,975.00
30,000 lb (13,607.8 kg)	32169	4,645.00
40,000 lb (18,143.7 kg)	32171	4,645.00
50,000 lb (22,679.6 kg)	18178	4,795.00
60,000 lb (27,215.5 kg)	18179	4,795.00
100,000 lb (45,359.2 kg)	18180	7,495.00
150,000 lb (68,039.0 kg)	18181	7,495.00
4-Module Kit		
5000 lb (2268.0 kg)	18182	3,835.00
10,000 lb (4535.9 kg)	18183	3,835.00
20,000 lb (9071.9 kg)	18184	3,835.00
30,000 lb (13,607.8 kg)	32170	5,865.00
40,000 lb (18,143.7 kg)	32172	5,865.00
50,000 lb (22,679.6 kg)	18185	6,035.00
60,000 lb (27,215.5 kg)	18186	6,035.00
100,000 lb (45,359.2 kg)	18187	9,765.00
150,000 lb (68,039.0 kg)	18188	9,765.00
Dummy Load Cells		
5000-20,000 lb	33749	75.00
30,000-60,000 lb	74016	95.00
100,000 lb	94175	150.00
150,000 lb	158715	225.00
Grounding Kit		
126419	5K-60K, includes ground strap and mounting hardware	15.45

EZ Mount 1

Stainless Steel Weigh Modules



Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The EZ Mount 1 Series weigh modules utilize the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. FM approved RL70000 SS Series load cells give you accuracy and dependability in many applications, including intrinsically safe and explosion proof areas.

Module with RL70000 SS double-ended shear beam load cell.



Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 EZ Mount 1 stainless steel compression mounts
- 3 or 4 RL70000 SS stainless steel double-ended shear beam load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Applications

- Medium to heavy-capacity tank and hopper weighing applications

Standard Features

- Capacities (per module): 5000-150,000 lb (2268-60,039.0 kg)
- Unique sliding pin design compensates for thermal expansion/contraction
- NTEP Certified load cells (10K - 100K)
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded double-ended shear beam design
- Low-profile design
- 304 stainless steel construction

Optional Features

- Kits available with Revere Transducers 9103 load cell, capacities in 5000-150,000 lb (2268.0-68,039.0 kg)
- Refer to page 87 for shims

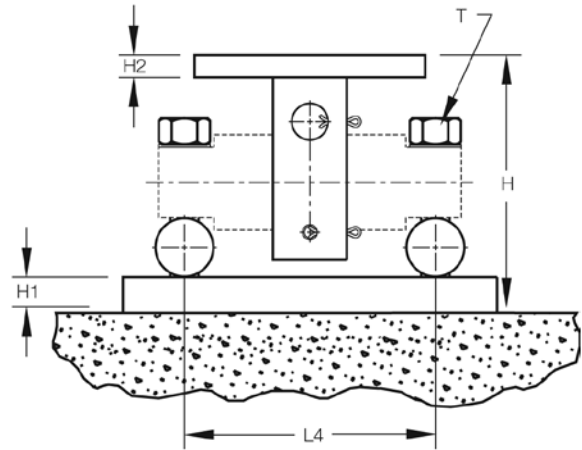
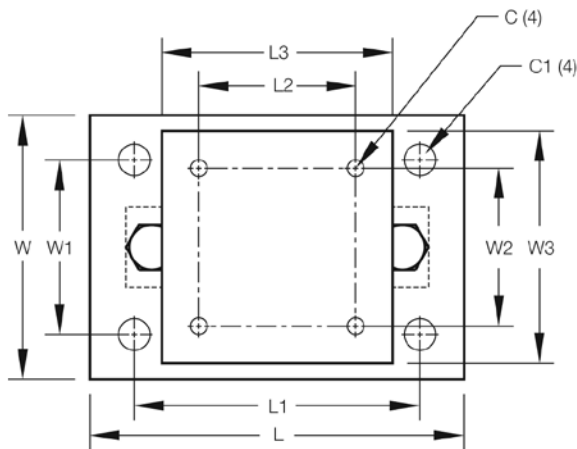
Load Cell Certifications



NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.

EZ Mount 1

Stainless Steel Weigh Modules



Dimensions

RATED CAPACITY	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
lb/inches															
5000-20,000	.56	1.06	5.31	.75	.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000-60,000	.68	1.19	8.43	1.00	.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000	.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
150,000	.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
kg/mm															
2268.0-9071.9	14.2	26.9	134.9	19.1	12.7	279.4	203.2	76.2	152.4	174.5	5/8-18 UNF	190.5	101.6	76.2	152.4
13,607.8-27,215.5	17.3	30.2	214.1	25.4	19.1	381.0	292.1	130.0	203.2	215.9	1-14 UNS	254.0	152.4	130.1	203.2
45,359.2	20.6	35.1	263.4	31.8	31.8	457.2	355.6	190.5	254.0	241.3	1-14 UNS	304.8	228.6	190.5	254.0
68,039.0	20.6	35.1	263.4	31.8	31.8	457.2	355.6	190.5	254.0	241.3	1-14 UNS	304.8	228.6	190.5	254.0

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
Single Module (Does NOT Include Load Cell)		
5000-20,000 lb (2268.0-9071.9 kg)	17943	\$725.00
30,000-60,000 lb (13,607.8-27,215.5 kg)	17944	1,995.00
100,000 lb (45,359.2 kg)	17945	3,695.00
150,000 lb (68,039.0 kg)	29011	3,695.00
3-Module Kit		
5000 lb (2268.0 kg)	36195	4,325.00
10,000 lb (4535.9 kg)	36196	4,325.00
20,000 lb (9071.9 kg)	36197	4,325.00
30,000 lb (13,607.8 kg)	36198	8,295.00
40,000 lb (18,143.7 kg)	36199	8,295.00
50,000 lb (22,679.6 kg)	36200	8,395.00
60,000 lb (27,215.5 kg)	36201	8,395.00
100,000 lb (45,359.2 kg)	36202	13,295.00
150,000 lb (68,039.0 kg)	43288	13,295.00

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
4-Module Kit		
5000 lb (2268.0 kg)	36203	\$5,800.00
10,000 lb (4535.9 kg)	36204	5,800.00
20,000 lb (9071.9 kg)	36205	5,800.00
30,000 lb (13,607.8 kg)	36206	11,275.00
40,000 lb (18,143.7 kg)	36207	11,275.00
50,000 lb (22,679.6 kg)	36208	11,550.00
60,000 lb (27,215.5 kg)	36209	11,550.00
100,000 lb (45,359.2 kg)	36210	17,650.00
150,000 lb (68,039.0 kg)	43289	17,650.00
Dummy Load Cells (Mild Steel)		
5000-20,000 lb	33749	75.00
30,000-60,000 lb	74016	95.00
100,000 lb	94175	150.00
150,000 lb	158715	225.00

EZ Mount 1 HE

Stainless Steel Weigh Modules, Hermetically sealed



Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The EZ Mount 1 HE Series weigh modules utilize the double-ended beam design with an articulating top plate to provide superior accuracy in any loading condition. The double-ended beam design means there is less cumbersome hardware and each module has a lower profile than modules of different configurations. The RL72010 MH Series load cells give you accuracy and dependability in any environment. Their stainless steel, hermetically sealed design also make them the ideal solution in harsh environments where moisture is present.

Module with RL72010MH double-ended shear beam load cell.



Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 EZ Mount 1 stainless steel compression mounts
- 3 or 4 RL72010 MH hermetically sealed stainless steel double-ended shear beam load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Applications

- Medium to heavy-capacity tank and hopper weighing applications

Standard Features

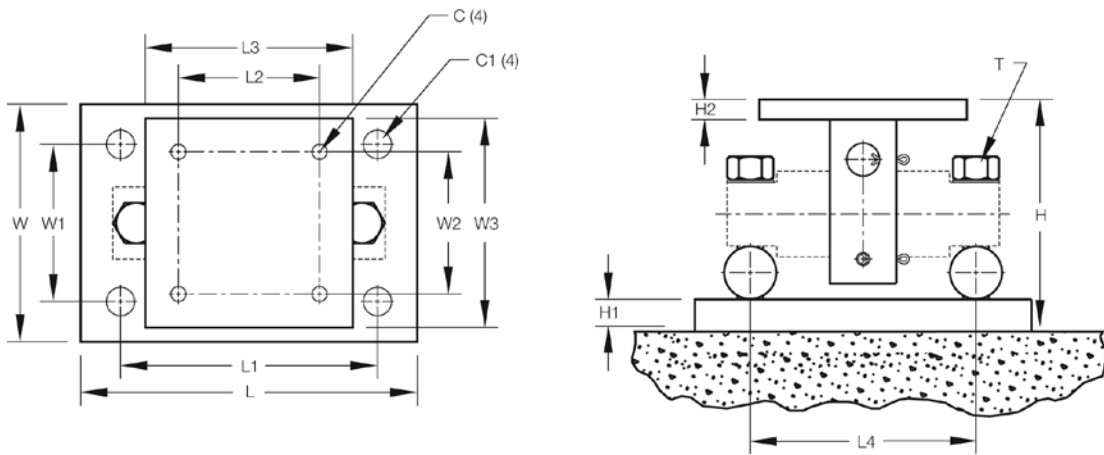
- Capacities (per module): 5000-60,000 lb (2268-27,216.0 kg)
- Unique sliding pin design compensates for thermal expansion/contraction
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Center-loaded, double-ended shear beam design
- Low-profile design
- 304 stainless steel construction

Load Cell Certifications



EZ Mount 1 HE

Stainless Steel Weigh Modules, Hermetically sealed



Dimensions

RATED CAPACITY	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
lb/inches															
5000-20,000	.56	1.06	5.31	.75	.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000-60,000	.68	1.19	8.43	1.00	.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
kg/mm															
2268.0-9071.9	14.2	26.9	134.9	19.1	12.7	279.4	203.2	76.2	152.4	174.5	5/8-18 UNF	190.5	101.6	76.2	152.4
13,607.8-27,215.5	17.3	30.2	214.1	25.4	19.1	381.0	292.1	130.0	203.2	215.9	1-14 UNS	254.0	152.4	130.1	203.2

NOTES: • Mounting bolts (T) may project on lower side of base plate • Foundation plate not included

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
3-Module Kit		
5000 lb (2268.0 kg)	46695	\$5,595.00
10,000 lb (4535.9 kg)	46696	5,595.00
20,000 lb (9071.9 kg)	46697	5,595.00
30,000 lb (13,607.8 kg)	46698	10,595.00
40,000 lb (18,143.7 kg)	46699	10,595.00
50,000 lb (22,679.6 kg)	46700	10,595.00
60,000 lb (27,215.5 kg)	46701	10,595.00
4-Module Kit		
5000 lb (2268.0 kg)	46702	7,495.00
10,000 lb (4535.9 kg)	46703	7,495.00
20,000 lb (9071.9 kg)	46704	7,495.00
30,000 lb (13,607.8 kg)	46705	13,995.00
40,000 lb (18,143.7 kg)	46706	13,995.00
50,000 lb (22,679.6 kg)	46707	13,995.00
60,000 lb (27,215.5 kg)	46708	13,995.00
Dummy Load Cells (Mild Steel)		
5000-20,000 lb (2268.0-9071.9 kg)	33749	75.00
30,000-60,000 lb (13,607.8-27,215.5 kg)	74016	95.00

Shims

	PART #	PRICE
STAINLESS STEEL		
5K-20K		
0.0625 in	150886	\$7.25
0.125 in	150888	11.50
0.250 in	150889	24.00
30K-60K		
0.0625 in	150890	12.75
0.125 in	150891	20.50
0.250 in	150892	57.00
100K-150K		
0.0625 in	150893	20.25
0.125 in	150894	32.50
0.250 in	150896	89.00
MILD STEEL		
5K-20K		
0.0625 in	150874	1.75
0.125 in	150876	3.50
0.250 in	150877	3.75
30K-60K		
0.0625 in	150878	3.50
0.125 in	150880	6.00
0.250 in	150881	6.50
100K-150K		
0.0625 in	150882	5.50
0.125 in	150884	9.50
0.250 in	150885	10.25

RL1600 Series

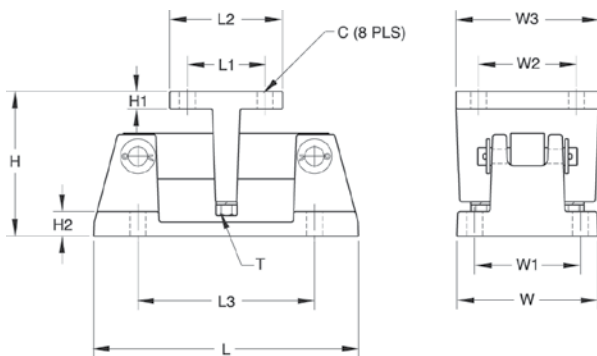
Cast Iron Weigh Modules



Available in configurations with three or four mounting assemblies.
Picture is a representation of actual product

The RL1600 Series Mounting Module Kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 Series kit is ideally suited for indoor and outdoor process control operations in the medium-to high-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.

Cast iron module with
RL75016 double-ended beam
load cell.



Dimensions

RATED CAPACITY	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/inches													
1000-5000	.56	5.00	.50	.50	9.31	2.75	4.00	6.25	1/2-13UNC	5.00	3.75	2.75	4.00
10,000-25,000	.78	7.89	.75	.75	12.00	6.00	8.00	7.50	3/4-10UNC	8.00	6.00	6.00	8.00
kg/mm													
453.6-2268.0	14.2	127.0	12.7	12.7	236.5	69.9	101.6	158.8	1/2-13UNC	127.0	95.3	69.9	101.6
4535.9-11,339.8	19.8	200.4	19.1	19.1	304.8	152.4	203.2	190.5	3/4-10UNC	203.2	152.4	152.4	203.2

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 RL1600 cast iron compression mounts
- 3 or 4 RL75016 double-ended shear beam load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Applications

- Medium to heavy-capacity tanks, bins, and hoppers
- Bulk material management

Standard Features

- Capacities (per module): 1000-25,000 lb (453.6-11,339.8 kg)
- Cast iron construction
- Self-checking easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Environmentally protected load cells
- Double-ended beam design, center loaded

Optional Features

- Kits available with Vishay Sensortronics 65016 load cells, capacities (per module): 1000-25,000 lb (453.6-11,339.8 kg)

Load Cell Certifications



RL1600 Series

Cast Iron Weigh Modules

Order Information

LOAD RATING (PER MODULE)		PART #	PRICE
Single Module (Does NOT Include Load Cell)			
1000-5000 lb	(453.6-2268.0 kg)	17964	\$150.00
10,000-25,000 lb	(4535.9-11,339.8 kg)	17965	290.00
3-Module Kit			
1000 lb	(453.6 kg)	25663	1,995.00
1500 lb	(680.4 kg)	25664	1,995.00
2000 lb	(907.2 kg)	25665	1,995.00
2500 lb	(1134.0 kg)	25666	1,995.00
3000 lb	(1360.8 kg)	25667	1,995.00
5000 lb	(2268.0 kg)	25668	1,995.00
10,000 lb	(4535.9 kg)	25669	2,595.00
15,000 lb	(6803.9 kg)	25671	2,595.00
20,000 lb	(9071.9 kg)	25672	2,595.00
25,000 lb	(11,339.8 kg)	25674	2,595.00
4-Module Kit			
1000 lb	(453.6 kg)	25675	2,550.00
1500 lb	(680.4 kg)	25676	2,550.00
2000 lb	(907.2 kg)	25677	2,550.00
2500 lb	(1134.0 kg)	25678	2,550.00
3000 lb	(1360.8 kg)	25679	2,550.00
5000 lb	(2268.0 kg)	25680	2,550.00
10,000 lb	(4535.9 kg)	25681	3,350.00
15,000 lb	(6803.9 kg)	25682	3,350.00
20,000 lb	(9071.9 kg)	25683	3,350.00
25,000 lb	(11,339.8 kg)	25684	3,350.00

Load Cell Upgrade

RL75016SS Stainless Load Cells
3 mount kits \$75.00 added to list price
4 mount kits \$100.00 added to list price
RL75016WHE Stainless Hermetic Load Cells
3 mount kits 1k-5k \$390.00, 10k-25k \$435.00 added to list price
4 mount kits 1k-5k \$520.00, 10k-25k \$580.00 added to list price

VPG Sensortronics 65016

Order Information

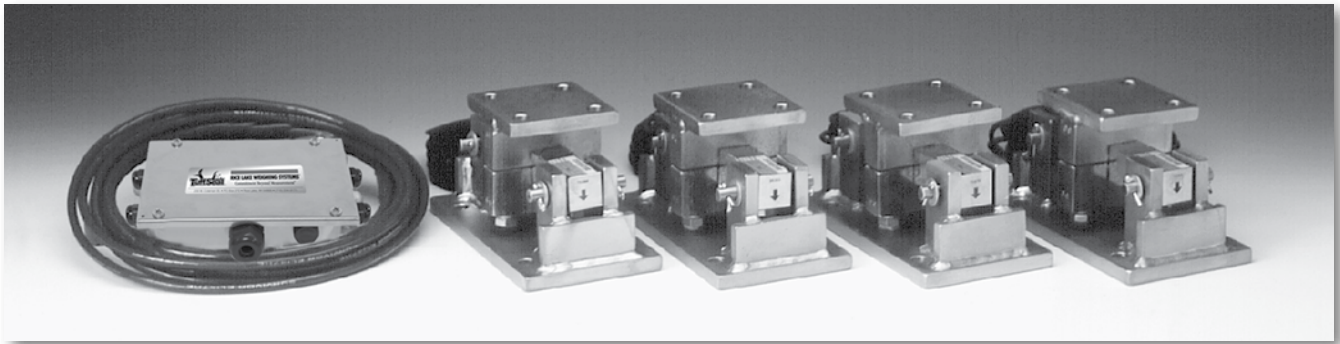
LOAD RATING (PER MODULE)		PART #	PRICE
3-Module Kit			
1000 lb	(453.6 kg)	25685	\$2,350.00
1500 lb	(680.4 kg)	25686	2,350.00
2500 lb	(1134.0 kg)	25688	2,350.00
5000 lb	(2268.0 kg)	25690	2,350.00
10,000 lb	(4535.9 kg)	25691	2,950.00
15,000 lb	(6803.9 kg)	25692	2,950.00
20,000 lb	(9071.9 kg)	25693	2,950.00
25,000 lb	(11,339.8 kg)	25694	2,950.00
4-Module Kit			
1000 lb	(453.6 kg)	25695	3,050.00
1500 lb	(680.4 kg)	25696	3,050.00
2500 lb	(1134.0 kg)	25698	3,050.00
5000 lb	(2268.0 kg)	25700	3,050.00
10,000 lb	(4535.9 kg)	25701	3,875.00
15,000 lb	(6803.9 kg)	25702	3,875.00
20,000 lb	(9071.9 kg)	25703	3,875.00
25,000 lb	(11,339.8 kg)	25704	3,875.00
Dummy Load Cells			
1000-5000 lb	(453.6-2268.0 kg)	18236	20.00
10,000-25,000 lb	(4535.9-11,339.8 kg)	18237	35.00
Equalizer Pads			
1000 lb-5000 lb		67152	35.00
10,000 lb-25,000 lb		67153	50.00

Shims, Mild Steel

	PART #	PRICE
1K-5K		
0.0625	150844	\$1.00
0.125	150845	1.50
0.250	150846	1.75
10K-25K		
0.0625	150847	3.50
0.125	150848	6.00
0.250	150849	6.50

RL1600 Series

Mild Steel Weigh Modules

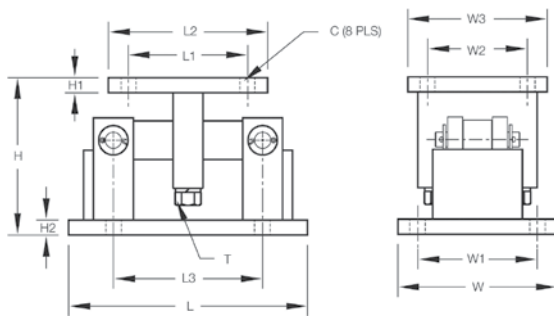
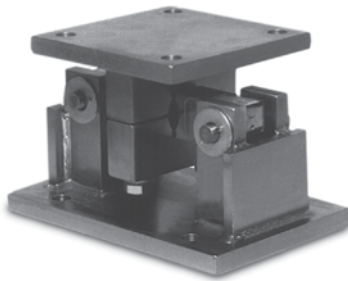


Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The RL1600 Series Mounting Module Kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 Series kit is ideally suited for indoor and outdoor process control operations in the medium-to high-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.

Mild steel module with RL75016 double-ended beam load cell.



Dimensions

RATED CAPACITY	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/inches													
1000-5000	.56	5.00	.50	.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000-25,000	.78	7.87	.75	.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
50,000-75,000	.78	9.31	1.00	1.00	16.25	6.50	9.00	11.50	1 1/4-7 UNC	12.00	9.50	6.50	9.00
kg/mm													
453.6-2268.0	14.2	127.0	12.7	12.7	235.0	69.9	101.6	158.8	1/2-13 UNC	127.0	95.3	69.9	101.6
4535.9-11,339.8	19.8	199.9	19.1	19.1	304.8	152.4	203.2	190.5	3/4-10 UNC	203.2	152.4	152.4	203.2
22,679.7-34,019.5	19.8	236.5	25.4	25.4	412.8	165.1	228.6	292.1	1 1/4-7 UNC	304.8	241.3	165.1	228.6

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 RL1600 mild steel compression mounts
- 3 or 4 RL75016 double-ended shear beam load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Applications

- Medium-to heavy-capacity tanks, bins and hoppers
- Bulk material management

Standard Features

- Capacities (per module): 1000-75,000 lb (453.6-34,019.5 kg)
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Environmentally protected load cells
- Double-ended shear beam design, center loaded
- Painted mild steel construction

Optional Features

- Kits available with Vishay Sensortronics 65016 load cells, capacities (per module): 1000-75,000 lb (453.6-34,019.5 kg)

Load Cell Certifications



RL1600 Series

Mild Steel Weigh Modules

Order Information

LOAD RATING (PER MODULE)		PART #	PRICE
Single Module (Does NOT Include Load Cell)			
1000-5000 lb	(453.6-2268.0 kg)	17812	\$150.00
10,000-25,000 lb	(4535.9-11,339.8 kg)	17814	290.00
50,000 lb	(22,679.6 kg)	17816	975.00
75,000 lb	(34,019.5 kg)	25346	975.00
3-Module Kit			
1000 lb	(453.6 kg)	18117	1,995.00
1500 lb	(680.4 kg)	18118	1,995.00
2000 lb	(907.2 kg)	18119	1,995.00
2500 lb	(1134.0 kg)	18120	1,995.00
3000 lb	(1360.8 kg)	18121	1,995.00
5000 lb	(2268.0 kg)	18122	1,995.00
10,000 lb	(4535.9 kg)	18123	2,595.00
15,000 lb	(6803.9 kg)	18124	2,595.00
20,000 lb	(9071.9 kg)	18125	2,595.00
25,000 lb	(11,339.8 kg)	18126	2,595.00
50,000 lb	(22,679.6 kg)	18127	5,350.00
75,000 lb	(34,019.5 kg)	25348	5,350.00
4-Module Kit			
1000 lb	(453.6 kg)	18129	2,550.00
1500 lb	(680.4 kg)	18130	2,550.00
2000 lb	(907.2 kg)	18131	2,550.00
2500 lb	(1134.0 kg)	18132	2,550.00
3000 lb	(1360.8 kg)	18133	2,550.00
5000 lb	(2268.0 kg)	18134	2,550.00
10,000 lb	(4535.9 kg)	18135	3,350.00
15,000 lb	(6803.9 kg)	18136	3,350.00
20,000 lb	(9071.9 kg)	18137	3,350.00
25,000 lb	(11,339.8 kg)	18138	3,350.00
50,000 lb	(22,679.6 kg)	18139	7,150.00
75,000 lb	(34,019.5 kg)	25349	7,150.00

Load Cell Upgrade

RL75016SS Stainless Load Cells	
3 mount kits \$75.00 added to list price	
4 mount kits \$100.00 added to list price	
RL75016WHE Stainless Hermetic Load Cells	
3 mount kits 1k-5k \$390.00, 10k-25k \$435.00 added to list price	
4 mount kits 1k-5k \$520.00, 10k-25k \$580.00 added to list price	

VPG Sensortronics 65016

Order Information

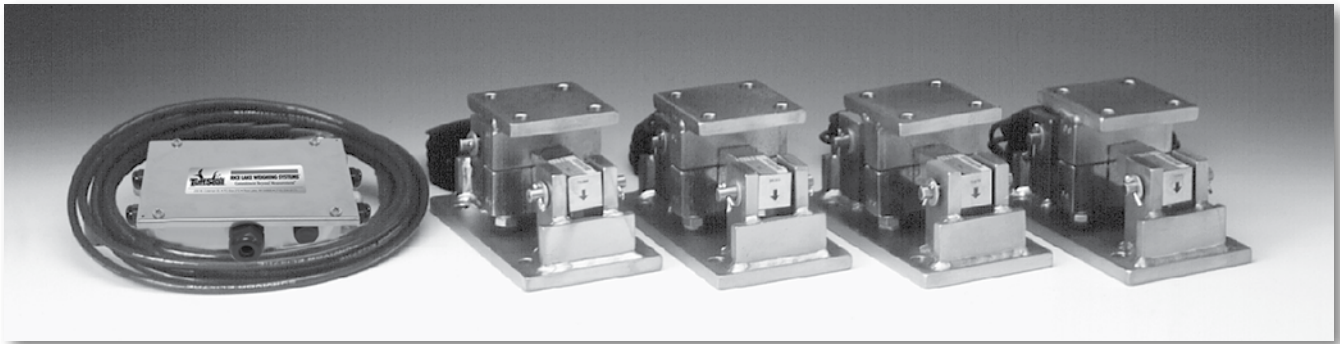
LOAD RATING (PER MODULE)		PART #	PRICE
3-Module Kit			
1000 lb	(453.6 kg)	18189	\$2,350.00
1500 lb	(680.4 kg)	18190	2,350.00
2500 lb	(1134.0 kg)	18192	2,350.00
5000 lb	(2268.0 kg)	18194	2,350.00
10,000 lb	(4535.9 kg)	18195	2,950.00
15,000 lb	(6803.9 kg)	18196	2,950.00
20,000 lb	(9071.9 kg)	18197	2,950.00
25,000 lb	(11,339.8 kg)	18198	2,950.00
50,000 lb	(22,679.6 kg)	18199	5,795.00
75,000 lb	(34,019.5 kg)	25350	5,795.00
4-Module Kit			
1000 lb	(453.6 kg)	18201	3,050.00
1500 lb	(680.4 kg)	18202	3,050.00
2500 lb	(1134.0 kg)	18204	3,050.00
5000 lb	(2268.0 kg)	18206	3,050.00
10,000 lb	(4535.9 kg)	18207	3,875.00
15,000 lb	(6803.9 kg)	18208	3,875.00
20,000 lb	(9071.9 kg)	18209	3,875.00
25,000 lb	(11,339.8 kg)	18210	3,875.00
50,000 lb	(22,679.6 kg)	18211	7,595.00
75,000 lb	(34,019.5 kg)	25351	7,595.00
Dummy Load Cells			
1000-5000 lb	(453.6-2268.0 kg)	18236	20.00
10,000-25,000 lb	(4535.9-11,339.8 kg)	18237	35.00
50,000 lb	(22,679.6 kg)	18238	50.00
Equalizer Pads			
1000 lb-5000 lb		67152	35.00
10,000 lb-25,000 lb		67153	50.00

Shims, Mild Steel

	PART #	PRICE
1K-5K		
0.0625	150844	\$1.00
0.125	150845	1.50
0.250	150846	1.75
10K-25K		
0.0625	150847	3.50
0.125	150848	6.00
0.250	150849	6.50
50K-75K		
0.0625	150850	4.50
0.125	150851	7.50
0.250	150866	6.00

RL1600 Series

Stainless Steel Weigh Modules

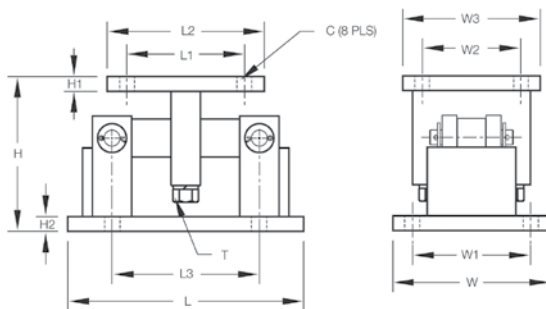
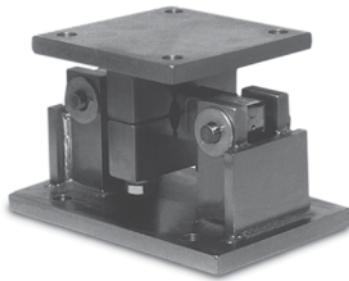


Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The RL1600 Series Mounting Module Kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 Series kit is ideally suited for indoor and outdoor process control operations in the medium-to high-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.

Fabricated stainless steel module with RL75016 SS double-ended beam load cell.



Dimensions

RATED CAPACITY	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/inches													
1000-5000	.56	5.00	.50	.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000-25,000	.78	7.87	.75	.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
50,000-75,000	.78	9.31	1.00	1.00	16.25	6.50	9.00	11.50	1 1/4-7 UNC	12.00	9.50	6.50	9.00
kg/mm													
453.6-2268.0	14.2	127.0	12.7	12.7	235.0	69.9	101.6	158.8	1/2-13 UNC	127.0	95.3	69.9	101.6
4535.9-11,339.8	19.8	199.9	19.1	19.1	304.8	152.4	203.2	190.5	3/4-10 UNC	203.2	152.4	152.4	203.2
22,679.7-34,019.5	19.8	236.5	25.4	25.4	412.8	165.1	228.6	292.1	1 1/4-7 UNC	304.8	241.3	165.1	228.6

Complete Kit Includes

- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 3 or 4 RL1600 stainless steel compression mounts
- 3 or 4 RL75016 SS stainless steel double-ended shear beam load cells
- 25 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Applications

- Medium-to heavy-capacity tanks, bins, and hoppers
- Bulk material management

Standard Features

- Capacities (per module): 1000-75,000 lb (453.6-34,019.5 kg)
- 304 stainless steel construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Environmentally protected load cells
- Double-ended shear beam design, center loaded

Optional Features

- Kits available with Vishay Sensortronics 65016W SS load cells

Load Cell Certifications



Rice Lake load cells only

RL1600 Series

Stainless Steel Weigh Modules

Order Information

LOAD RATING (PER MODULE)		PART #	PRICE
Single Module (Does NOT include Load Cell)			
1000-5000 lb	(453.6-2268.0 kg)	17813	\$565.00
10,000-25,000 lb	(4535.9-11,339.8 kg)	17815	1,095.00
50,000 lb	(22,679.6 kg)	17842	2,595.00
75,000 lb	(34,019.5 kg)	25347	2,595.00
3-Module Kit			
1000 lb	(453.6 kg)	18141	3,250.00
1500 lb	(680.4 kg)	18142	3,250.00
2000 lb	(907.2 kg)	18143	3,250.00
2500 lb	(1134.0 kg)	18144	3,250.00
5000 lb	(2268.0 kg)	18145	3,250.00
10,000 lb	(4535.9 kg)	18146	4,895.00
15,000 lb	(6803.9 kg)	18147	4,895.00
20,000 lb	(9071.9 kg)	18148	4,895.00
25,000 lb	(11,339.8 kg)	18149	4,895.00
50,000 lb	(22,679.6 kg)	18150	10,995.00
75,000 lb	(34,019.5 kg)	25352	10,995.00
4-Module Kit			
1000 lb	(453.6 kg)	18152	4,195.00
1500 lb	(680.4 kg)	18153	4,195.00
2000 lb	(907.2 kg)	18154	4,195.00
2500 lb	(1134.0 kg)	18155	4,195.00
5000 lb	(2268.0 kg)	18156	4,195.00
10,000 lb	(4535.9 kg)	18157	6,695.00
15,000 lb	(6803.9 kg)	18158	6,695.00
20,000 lb	(9071.9 kg)	18159	6,695.00
25,000 lb	(11,339.8 kg)	18160	6,695.00
50,000 lb	(22,679.6 kg)	18161	14,995.00
75,000 lb	(34,019.5 kg)	25353	14,995.00

VPG Sensortronics 65016W

Order Information

LOAD RATING (PER MODULE)		PART #	PRICE
3-Module Kit			
1000 lb	(453.6 kg)	18213	\$3,495.00
1500 lb	(680.4 kg)	18214	3,495.00
2500 lb	(1134.0 kg)	18216	3,495.00
5000 lb	(2268.0 kg)	18217	3,495.00
10,000 lb	(4535.9 kg)	18218	5,295.00
15,000 lb	(6803.9 kg)	18219	5,295.00
20,000 lb	(9071.9 kg)	18220	5,295.00
25,000 lb	(11,339.8 kg)	18221	5,295.00
50,000 lb	(22,679.6 kg)	18222	11,595.00
75,000 lb	(34,019.5 kg)	25354	11,595.00
4-Module Kit			
1000 lb	(453.6 kg)	18224	4,595.00
1500 lb	(680.4 kg)	18225	4,595.00
2500 lb	(1134.0 kg)	18227	4,595.00
5000 lb	(2268.0 kg)	18228	4,595.00
10,000 lb	(4535.9 kg)	18229	6,995.00
15,000 lb	(6803.9 kg)	18230	6,995.00
20,000 lb	(9071.9 kg)	18231	6,995.00
25,000 lb	(11,339.8 kg)	18232	6,995.00
50,000 lb	(22,679.6 kg)	18233	15,295.00
75,000 lb	(34,019.5 kg)	25355	15,295.00
Dummy Load Cells (Mild Steel)			
1000-5000 lb	(453.6-2268.0 kg)	18236	20.00
10,000-25,000 lb	(4535.9-11,339.8 kg)	18237	35.00
50,000 lb	(22,679.6 kg)	18238	50.00
Equalizer Pads			
1000 lb-5000 lb	—	Consult	
10,000 lb-25,000 lb	—	Consult	

Shims, Stainless

	PART #	PRICE
1K-5K		
0.0625	150852	\$3.25
0.125	150853	8.50
0.250	150854	14.25
10K-25K		
0.0625	150855	12.75
0.125	150856	20.50
0.250	150857	57.00
50K-75K		
0.0625	150858	16.25
0.125	150859	26.25
0.250	150861	72.25

MVS Mount/MVS

Conversion Kit



Picture is a representation of actual product

Designed for the Rice Lake Weighing Systems SURVIVOR® Truck Scale product line, the MVS can also be purchased independently to support existing designs or applications. Built to withstand the punishment of the most severe environments, the MVS utilizes the center-loaded double-ended shear beam load cell design. The mount is self-centering, which eliminates the need of costly check rods. This results in a pendulum suspension effect that eliminates binding, protects the load cells from damaging side load common on truck scales and automatically returns the mount to dead center. The mount is easy to install and promises high performance and long life.

Complete Kit Includes

- 4 to 10 RL75058-75,000 lb load cells with 35 ft or 60 ft cables
- 4 to 10 MVS mounts
- JB 8SPT junction box (JB1010 on 10 module kit)
- 100 ft of our Hostile Environment EL147HE SURVIVOR® load cell cable

Applications

- Truck/Track scale conversion
- Heavy-capacity horizontal tanks

Standard Features

- Capacity Design: 10,000-125,000 lb (4536.0-34,019.4 kg)
- Mild steel construction
- Specially hardened center link
- Self-checking design
- Self-centering design
- Accommodates thermal expansion and contraction

Optional Features

- Vishay Sensortronics 65058 or VPG Celtron CLB

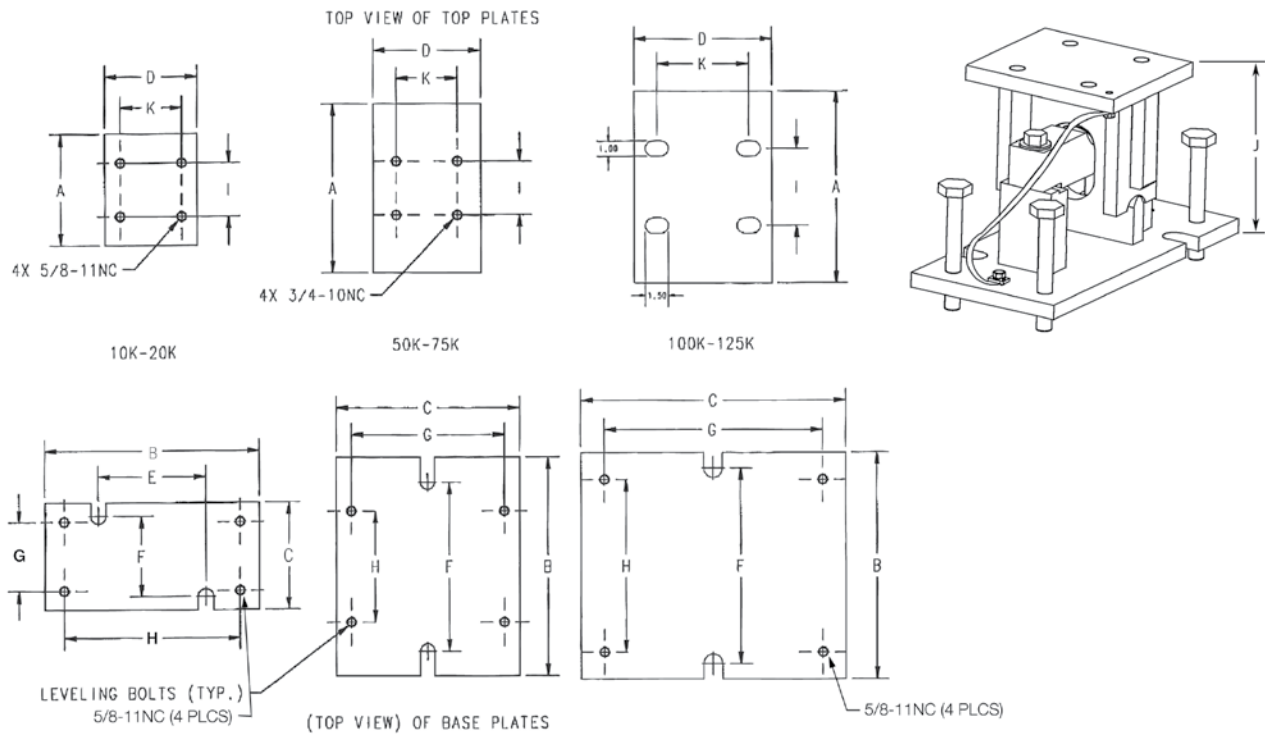
NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.

Load Cell Certifications



MVS Mount/MVS

Conversion Kit



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J	K
lb/inches											
10,000-25,000	7.25	14.00	7.00	6.00	7.00	5.25	4.50	11.50	3.50	8.50	4.00
50,000-75,000	11.00	14.25	12.00	7.00	—	11.00	10.00	7.25	3.50	11.53	4.00
100,000-125,000	12.50	14.75	17.25	9.00	—	12.75	14.25	11.25	5.00	14.21	6.00
kg/mm											
4536-11,340	184.2	355.6	177.8	152.4	177.8	133.5	114.3	292.1	88.9	215.9	101.6
22,679.6-34,019.4	279.4	362.0	304.8	177.8	—	279.4	254	184.15	88.9	292.9	101.6
45,360-56,700	317.50	374.7	438.2	228.6	—	323.9	362.0	285.8	127.0	360.9	152.4

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
MVS Mount (Does NOT Include Load Cell)		
10,000 lb-25,000 lb (4536-11,340 kg)	71200	\$595.00
50,000 lb-75,000 lb (22,679.6-34,019.4 kg)	46441	695.00
100,000 lb-125,000 lb (45,360 kg-56,700.0 kg)	68520	1,200.00

Custom heights available; Consult

* Consult for other capacity requirements

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
MVS Conversion Kits (Includes 75,000 lb* Load Cells, Mounts & J-Box)		
4-module kit	68495	\$6,595.00
6-module kit	68496	9,695.00
8-module kit	68497	13,195.00
10-module kit	68498	16,995.00

TSA Truck Scale Assembly

Rice Lake Weighing Systems

Applications

- Truck, track, horizontal tank or general purpose
- Light-duty livestock to heavy-duty vehicle scales

Standard Features

- Capacities: 10,000-75,000 lb (4535.9-34,019.4 kg)
- Constructed of cast steel and iron with primer coating
- Unique high-performance “Unilink” suspension system
- Center-loaded double-ended shear beam design
- Self-checking design
- Rubber pad provided for mounting

Optional Features

- 20,000-75,000 lb (9071.9-34,019.4 kg) capacity NTEP Certified load cells available for 1:10,000d, Class III.

NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.



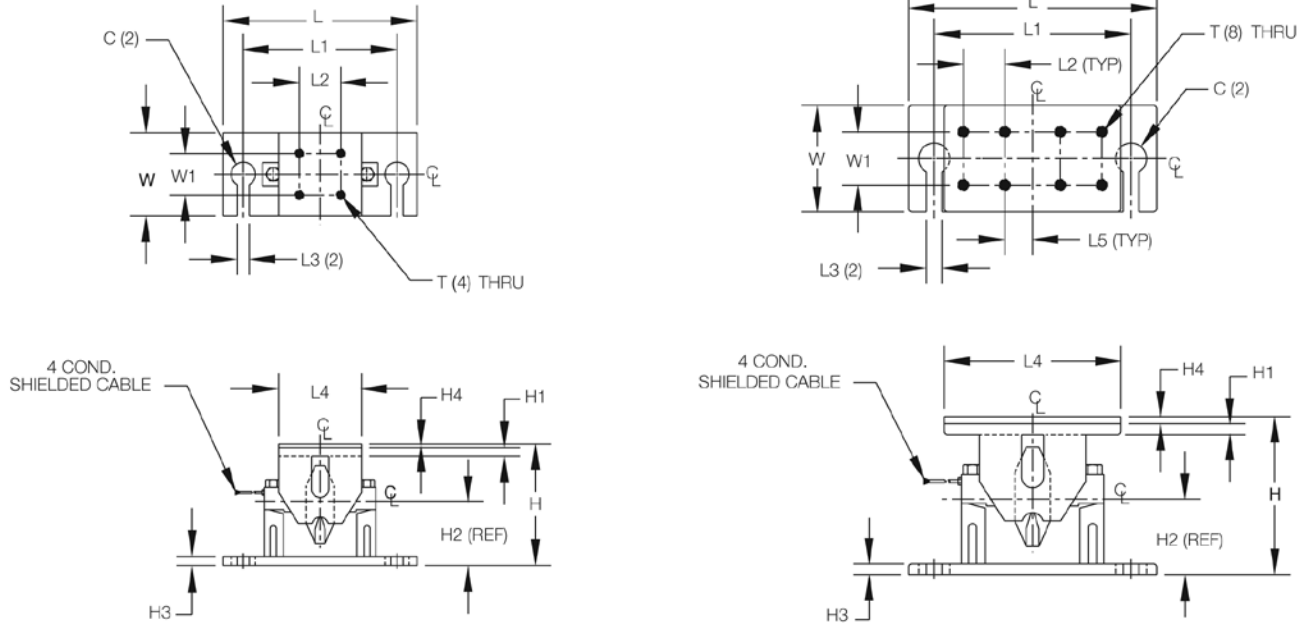
Mount only; does not include load cell

Picture is a representation of actual product

The TSA truck scale assembly is designed for use with Rice Lake Weighing Systems RL75058 or VPG Sensortronics 65058. The “Unilink” suspension design checks lateral movement of the assembly, while controlled floating of the scale deck is allowed. The effective integration of the TSA mount and the double-ended shear beam load cell eliminates the need for troublesome check rods, links, expansion assemblies and other peripheral hardware.

TSA Truck Scale Assembly

Rice Lake Weighing Systems



Dimensions

RATED CAPACITY	C	H	H1	H2	H3	H4	L	L1	L2	L3	L4	L5	T	W	W1
lb/inches															
10,000-25,000	1.75 DIA.	8.75	.62	4.62	.62	.25	14.00	11.00	3.00	.88	6.00	—	5/8-11 UNC-2B	6.00	3.00
50,000-75,000	2.00 DIA.	11.00	.75	5.44	.75	.50	18.00	14.00	3.00	.88	12.75	2.00	3/4-10 UNC-2B	7.00	3.50
kg/mm															
4535.9-11,339.8	44.5 DIA.	222.3	15.7	117.3	15.7	6.4	355.6	279.4	76.2	22.4	152.4	—	5/8-11 UNC-2B	152.4	76.2
22,679.6-34,019.4	50.8 DIA.	279.4	19.1	138.2	19.1	12.7	457.2	355.6	76.2	22.4	323.9	50.8	3/4-10 UNC-2B	177.8	88.9

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
10,000-20,000-25,000 lb (4535.9-9071.9-11,339.8 kg)	17821	\$1,195.00
50,000-60,000-75,000 lb (22,679.6-27,215.5-34,019.4 kg)	17822	1,395.00

*Mount only; does not include load cell

See Vishay Sensortronics load cell model 65058 specifications

See Rice Lake Weighing Systems load cell model RL75058 specifications

See welded-seal RL75060S cell

Translink™ Parallel Link Truck Scale Assembly

Rice Lake Weighing Systems

Applications

- Truck scale mount
- Heavy-capacity horizontal tanks

Standard Features

- Capacities: 25,000-100,000 lb (11,339.8-45,359.4 kg)
- Center-supported, end-loaded double-ended shear beam design
- Free movement in all directions in the horizontal plane with virtually no friction
- Links provide optimal loading conditions for the cell
- Completely self-centering
- Requires no check rods
- Utilizes cells with 3mV/V output
- Models available are RL75223 and RL75040, RTI 5223 and Vishay Sensortronics 65040A load cells

NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.



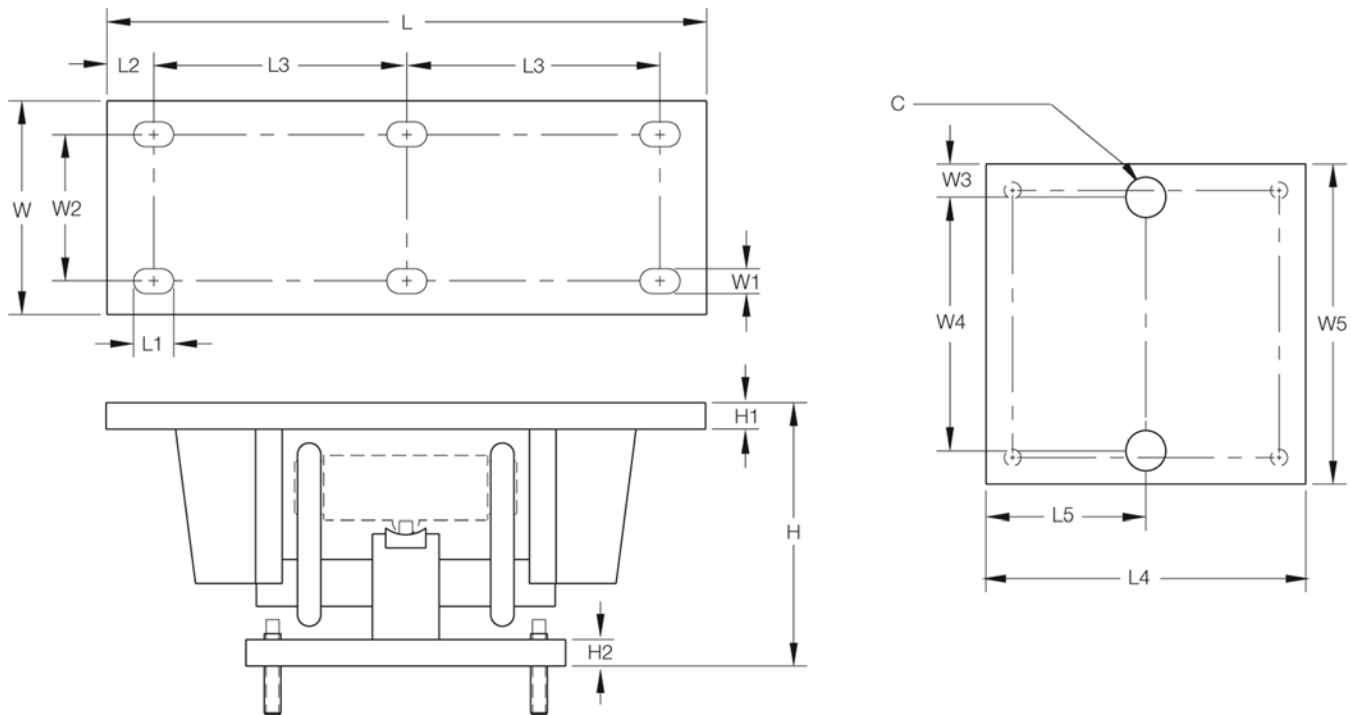
Mount only; does not include load cell

Picture is a representation of actual product

The TRANSLINK parallel link truck scale assembly is designed for use with Rice Lake Weighing Systems' RL75223 and RL75040A, Revere Transducers 5223 or VPG Sensortronics' 65040A load cells. This design allows the scale platform to move freely in all directions in a horizontal plane while causing the platform to self-center because of the pendulous action of the links. The unique parallel link design eliminates the need for costly and troublesome checkrods. Simply install platform bumpers and forget about over-travel. This mount is ideal for heavy-capacity weigh bridges.

Translink™ Parallel Link Truck Scale Assembly

Rice Lake Weighing Systems



Dimensions

RATED CAPACITY	C	H	H1	H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3	W4	W5
lb/inches																
50,000-100,000 (RL75223, 5223)	1.50	12.93	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	.91	5.25	1.25	9.25	11.75
25,000-40,000 (RL75040A, 65040A)	1.50	9.88	1.00	1.00	18.50	1.50	1.75	7.50	11.75	5.88	7.75	.91	5.25	1.25	9.25	11.75
50,000-75,000 (RL75040A, 65040A)	1.50	12.82	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	.91	5.25	1.25	9.25	11.75
kg/mm																
22,679.6-45,359.4	38.1	328.4	25.4	25.4	571.5	37.5	44.5	241.3	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.4
11,339.8-18,143.7	38.1	251.0	25.4	25.4	469.9	37.5	44.5	190.5	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.4
22,679.6-34,019.4	38.1	325.6	25.4	25.4	571.5	37.5	44.5	241.3	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.4

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
For Use With RL75223, 5223 Load Cells		
50,000-100,000 lb (22,679.6-45,359.4 kg)	17970	\$725.00
For Use With RL75040A, 65040A Load Cells		
25,000-40,000 lb (11,339.8-18,143.7 kg)	17971	725.00
50,000-75,000 lb (22,679.6-34,019.4 kg)	17972	725.00

*Mount only; does not include load cell

See load cell model RL75223 (RLWS), load cell model RL75040 (RLWS) and model 65040A (Vishay Sensortronics) specifications

Motor Truck Scale Electronic Conversion Kit

Rice Lake Weighing Systems



Complete Kit Includes

- 1 JB8SP NEMA 4X signal-trim junction box with individual and section trimming capability (6 and 8-mount kits) or 1 JB4SP NEMA 4X signal-trim junction box (4-mount kits)
- 1 UJB3T6 DC transient protector
- 4, 6 or 8 Translink mounting assemblies with RL75040 or RL75223 load cells
- 100 ft of Hostile Environment EL147HE SURVIVOR® load cell cable

Applications

- Updating existing mechanical motor truck scales
- Replacing unsatisfactory electronic motor truck scales
- Conversion of heavy-capacity scales into fully electronic vehicle scales where the existing scale cannot be removed

Standard Features

- Cost-and time-efficient installation; no need to remove weighbridge
- Converts existing scale capacities of 40,000-300,000 lb (18,143.7-90,718.7 kg)
- 4, 6 or 8-mount kits for 2, 3 or 4-section conversions
- Translink™ heavy-capacity mounting assemblies
- Free movement in all directions in the horizontal plane with virtually no friction
- Completely self-centering
- Requires no check rods
- Capacity per mount: 25,000-100,000 lb (11,339.8-45,359.4 kg)
- Utilizes cells with 3 mV/V output

Optional Features

- Custom heights available; Consult
- RLWS RL75223 welded-seal, Vishay Sensortronics 65040A or RTI 5223 load cells

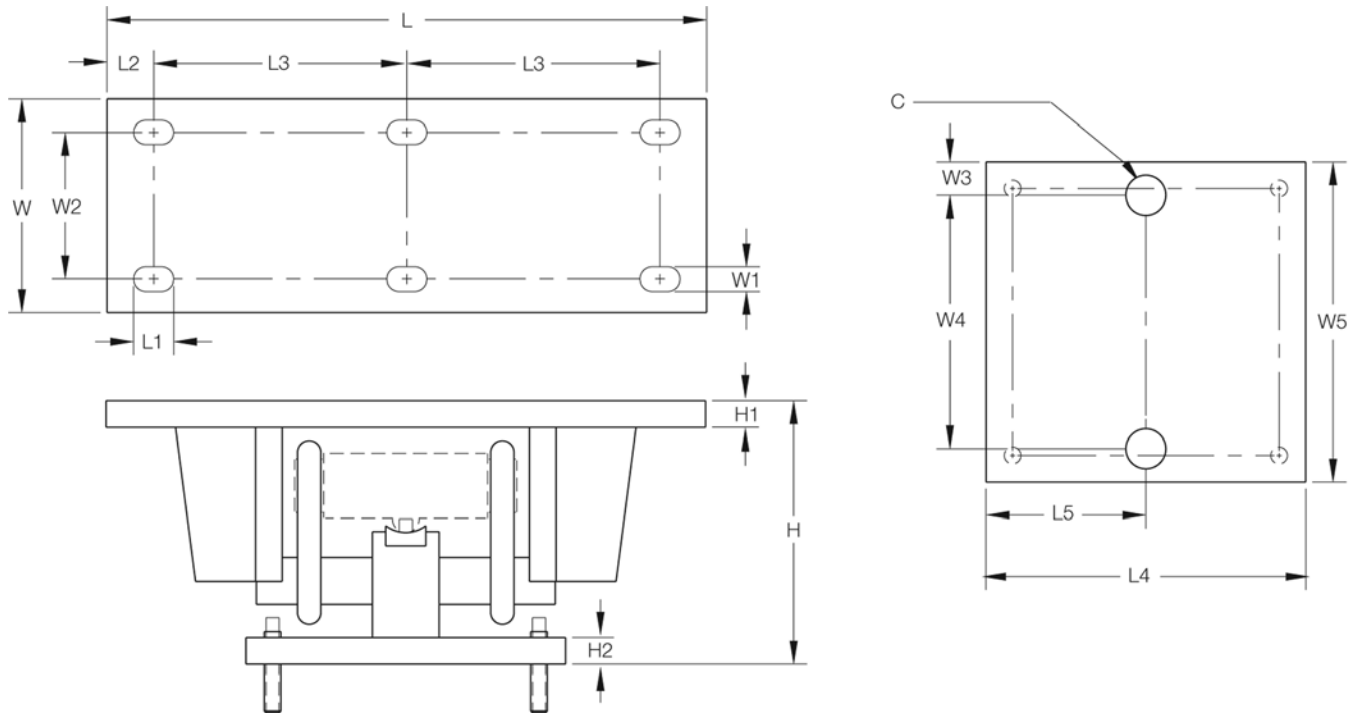
NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.

Picture is a representation of actual product

Full electronic performance can be achieved at a fraction of the cost of a new scale and pit. The Motor Truck Scale (MTS) Electronic Conversion Kit is designed to transform an existing scale pit and weighbridge into a fully electronic vehicle scale. Designed for quick installation without removing the platform or reconfiguring the pit, the conversion kit can often be installed in a matter of days, minimizing downtime. This ease of installation is important when considering installations where it is not feasible to completely remove the existing scale.

Motor Truck Scale Electronic Conversion Kit

Rice Lake Weighing Systems



Dimensions

RATED CAPACITY	C	H*	H1	H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3	W4**	W5
lb/inches																
50,000-100,000 (RL75223)	1.50	12.93	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	.91	5.25	1.25	9.25	11.75
25,000-40,000 (RL75040A)	1.50	9.88	1.00	1.00	18.50	1.50	1.75	7.50	11.75	5.88	7.75	.91	5.25	1.25	9.25	11.75
50,000-75,000 (RL75040A)	1.50	12.82	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	.91	5.25	1.25	9.25	11.75
kg/mm																
22,679.6-45,400.00 (RL75223)	38.1	328.4	25.4	25.4	571.5	37.5	44.5	241.3	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.45
11,339.8-18,143.7 (RL75040A)	38.1	251.0	25.4	25.4	469.9	37.5	44.5	190.5	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.45
22,679.6-34,019.4 (RL75040A)	38.1	325.6	25.4	25.4	571.5	37.5	44.5	241.3	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.45

*Custom heights available; Consult

**Custom hole spacing for existing bolt patterns is available; Consult

Order Information

SCALE SUGGESTED CAPACITY	LOAD CELL CAPACITY (PER MODULE)	PART #	PRICE	LOAD CELL USED IN KIT		
4-Module Kit (Includes Weigh Modules Load Cells, J-Box, and Transient Protection)						
40,000 lb	(18,143.7 kg)	25,000 lb	(11,339.8 kg)	30513	\$5,525.00	RL75040A
60,000 lb	(27,215.6 kg)	40,000 lb	(18,143.7 kg)	30514	6,025.00	RL75040A
6-Module Kit (Includes Weigh Modules Load Cells, J-Box, and Transient Protection)						
100,000 lb	(45,359.4 kg)	50,000 lb	(22,679.6 kg)	30515	9,495.00	RL75040A
120,000 lb	(54,431.2 kg)	60,000 lb	(27,215.6 kg)	30516	9,495.00	RL75040A
8-Module Kit (Includes Weigh Modules Load Cells, J-Box, and Transient Protection)						
120,000 lb	(54,431.2 kg)	60,000 lb	(27,215.6 kg)	30517	12,225.00	RL75040A
200,000 lb	(90,718.7 kg)	75,000 lb	(34,019.4 kg)	30518	12,225.00	RL75040A
300,000 lb	SD (136,078.1 kg)	100,000 lb	(45,359.4 kg)	30512	14,950.00	RL75223

SD refers to super duty, 100,000 lb (45,359.4 kg) capacity welded-seal load cells

MagnaMount®

Tank, Truck & Railroad Track Assembly

Applications

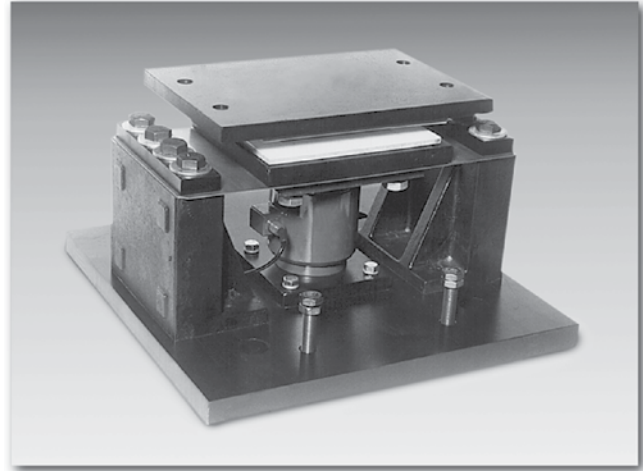
- Truck scale mount*
- Heavy-capacity horizontal tanks*
- Railroad track mount*

Standard Features

- Capacities: 50,000, 100,000 and 200,000 lb (22,679.6, 45,359.4 and 90,718.7 kg)
- Protects load cell from shock and side loads
- Low-profile design
- High-strength load bearing plate made of high-grade carbon steel hardened to Rockwell C 48-54
- PTFE-coated shock absorbing pads
- Compatible with Revere Transducers CP and CSP and Rice Lake Weighing Systems' RLCSP1 NTEP Certified load cells

**Check rods required*

NOTE: Check with your local weights & measure officials for suitability in Legal for Trade applications.



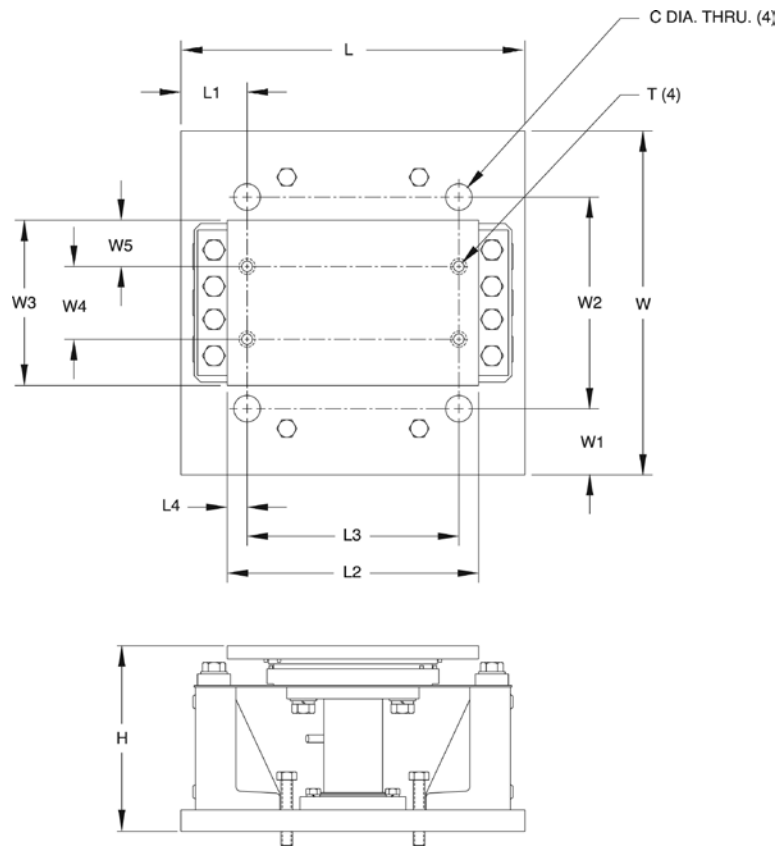
Mount only; does not include load cell

Picture is a representation of actual product

The MagnaMount Tank, Truck and Railroad scale assembly is designed for use with Rice Lake Weighing Systems RLCSP1 or Revere Transducers CP or CSP load cells. The “Shielded Cell” load cell mounting assembly is a highly reliable design that shields the load cell from shock and side load effects, assuring accurate weighing even under adverse loading conditions.

MagnaMount®

Tank, Truck & Railroad Track Assembly



Dimensions

RATED CAPACITY	C	H	L	L1	L2	L3	L4	T	W	W1	W2	W3	W4	W5
lb/inches														
50,000	1.25	7.39	13.00	1.75	11.25	8.50	1.37	3/4-10 UNC	12.00	1.75	8.50	8.00	4.50	1.75
100,000	1.50	11.29	20.00	2.50	18.00	15.50	1.25	7/8-9 UNC	17.00	2.50	12.00	9.00	5.50	1.75
200,000	2.00	14.10	26.00	5.00	19.00	16.00	1.50	1-8 UNC	26.00	5.00	16.00	12.50	5.50	3.50
kg/mm														
22,679.6	31.8	187.7	330.2	44.5	285.8	241.3	34.8	3/4-10 UNC	304.8	44.5	215.9	203.2	114.3	44.5
45,359.4	38.1	286.8	508.0	63.5	457.2	393.7	31.8	7/8-9 UNC	431.8	63.5	304.8	228.6	139.7	44.5
90,718.7	50.8	358.1	660.4	127.0	482.6	406.4	38.1	1-8 UNC	660.4	127.0	406.4	317.5	139.7	88.9

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
50,000 lb (22,679.6 kg)	21723	\$1,295.00
100,000 lb (45,359.4 kg)	21724	1,595.00
200,000 lb (90,718.7 kg)	17974	2,395.00

*Mount only; does not include load cell

See Revere Transducers load cell model CP, and page 286 for NTEP Certified load cell model CSP specifications

See Rice Lake Weighing Systems' NTEP Certified load cell model RLCSP1

Mettler Toledo™ DigiTOL® Retrofit Kit

Stainless Steel, Rice Lake Weighing Systems/Flintec

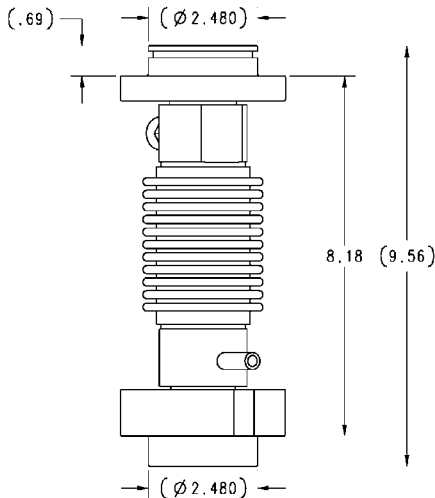


Shown here with the JB8SP signal trim junction box

Picture is a representation of actual product

These kits are designed to provide a cost effective solution for replacing Toledo™ DigiTOL® digital load cells with analog load cells. The Flintec RC1 and RC3 load cells are stainless steel and hermetically sealed to provide years of trouble-free service.

Load Cell Certifications



RC1-250KN

Complete Kit Includes

- 1 JB8SP or 2 JB8SP signal trim junction boxes (8 and 10 mount kit)
- 3 EL304 signal trim boxes in 12 mount kits
- 8, 10 or 12 Flintec RC1-250 KN load cells with upper and lower load cups
- 100 ft of Hostile Environment EL147HE SURVIVOR® load cell cable
- Cups included

Applications

- Toledo DigiTOL truck scale conversion

Standard Features

- Stainless steel hermetically sealed load cells
- Converts existing Mettler Toledo DigiTOL scale to an analog based load cell weighing system
- 8, 10 or 12 load cells, cups plus J-box and homerun cable
- Load cells are NTEP Certified 1:10,000 divisions, Class III L*
- Rocker design load cells
- Load cups

DigiTOL Retrofit Order information

DESCRIPTION	PART #	PRICE
8 mount kit. (RC1-56K)	78713	\$8,795.00
10 mount kit. (RC1-56K)	78714	10,695.00
12 mount kit (RC1-56K)	152774	13,195.00

*Consult your local Weights & Measures Authorities for local Legal for Trade requirements

Mettler Toledo™ DigiTOL® Retrofit Kit

Stainless Steel, Rice Lake Weighing Systems/Flintec

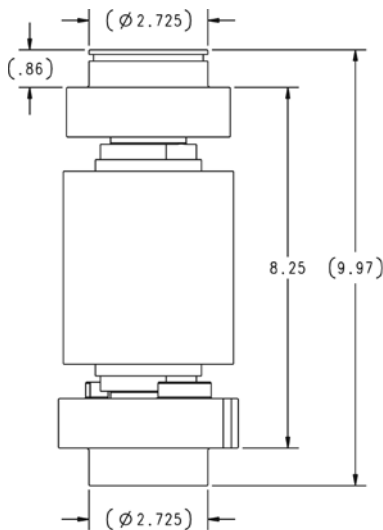


Shown here with the JB8SP signal trim junction box

Picture is a representation of actual product

This kit is designed to provide a cost effective solution for replacing Toledo™ DigiTOL® digital load cells with analog load cells. The Flintec RC3 load cell is stainless steel and hermetically sealed to provide years of trouble-free service.

Load Cell Certifications



RC3-50t

Complete Kit Includes

- 1 JB8SP or 2 JB8SP signal trim junction boxes (8 and 10 mount kit)
- 3 EL304 signal trim boxes in 12 mount kits
- 8, 10 or 12 Flintec RC3
- 100 ft of Hostile Environment EL147HE SURVIVOR® load cell cable
- Cups included

Applications

- Toledo DigiTOL truck scale conversion

Standard Features

- Stainless steel hermetically sealed load cells
- Converts existing Mettler Toledo DigiTOL scale to an analog based load cell weighing system
- 8 or 10 load cells, cups plus J-box and homerun cable
- Load cells are NTEP Certified 1:10,000 divisions, Class III*
- Rocker design load cells
- Load cups

DigiTOL Retrofit Order information

DESCRIPTION	PART #	PRICE
8 mount kit (RC3-50T) RR/track	129844	\$11,995.00
8 mount (RC3-50T) truck	154347	11,995.00
10 mount kit (RC3-50T) RR/track	111367	14,795.00
10 mount kit (RC3-50T) truck	154348	14,795.00
12 mount kit (RC3-50T) truck	154349	17,185.00

*Consult your local Weights & Measures Authorities for local Legal for Trade requirements

Electronic Floor Scale Underdeck Kits



Alloy Steel Load Cells

INDUSTRIAL APPLICATIONS	
Kit Includes	
(4) Vishay Celtron SQB load cells	
(1) JB4SS stainless steel NEMA 4X junction box	
(4) Surefoot high-accuracy stainless steel support feet	
20 ft/6.1 m EL147HE load cell cable	
(4) Mounting plates and (8) Load cell bolts	

Order Information

LOAD CELL/BASE CAPACITY	PART #	PRICE
Kit Includes Vishay Celtron SQB Load Cells		
1000 lb for 2000 lb base (453.6 kg for 907.2 kg base)	26436	\$895.00
2500 lb for 5000 lb base (1134.0 kg for 2268.0 kg base)	26437	895.00
4000 lb for 10,000 lb base (1814.4 kg for 4535.9 kg base)	26438	895.00



Alloy Steel NTEP Certified Load Cells

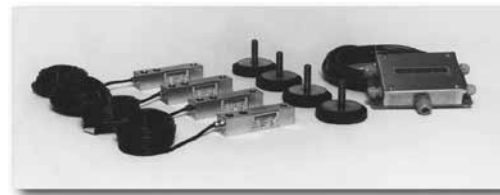
HIGH-PRECISION APPLICATIONS	
Kit Includes	
(4) RL35023 alloy steel NTEP 5000 Divisions, Class III certified load cells	
(1) JB4SS stainless steel NEMA 4X junction box	
(4) Surefoot high-accuracy stainless steel support feet	
20 ft/6.1 m EL147HE load cell cable	
(4) Mounting plates and (8) Load cell bolts	

NOTES: For complete load cell specifications, see RL35023 on page 129.

The use of NTEP Certified load cells in a scale base does not constitute approval of the completed base. Consult with local or state jurisdiction for compliance requirements.

Order Information

LOAD CELL/BASE CAPACITY (PER MODULE)	PART #	PRICE
Kit Includes RL35023 Alloy Steel NTEP Certified Load Cells		
1000 lb for 2000 lb base (453.6 kg for 907.2 kg base)	19032	\$975.00
2500 lb for 5000 lb base (1134.0 kg for 2268.0 kg base)	19033	975.00
4000 lb for 10,000 lb base (1814.4 kg for 4535.9 kg base)	19034	975.00



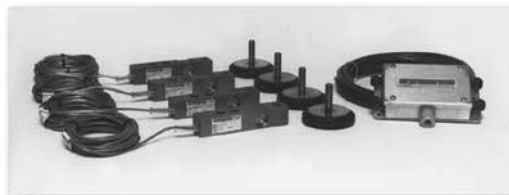
Stainless Steel Load Cells

CHEMICAL, DRY CORROSIVE & NON-WASHDOWN APPLICATIONS	
Kit Includes	
(4) Vishay Celtron SQB-HSS stainless steel load cells	
(1) JB4SS stainless steel NEMA 4X junction box	
(4) Surefoot high-accuracy stainless steel support feet	
20 ft/6.1 m EL147HE load cell cable	
(4) Mounting plates and (8) Load cell bolts	

NOTE: For complete load cell specifications, see SQB-HSS on page 199

Order Information

LOAD CELL/BASE CAPACITY	PART #	PRICE
Kit Includes Vishay Celtron SQB-HSS Stainless Steel Load Cells		
1000 lb for 2000 lb base (453.6 kg for 907.2 kg base)	19035	\$1,275.00
2500 lb for 5000 lb base (1134.0 kg for 2268.0 kg base)	19036	1,275.00
4000 lb for 10,000 lb base (1814.4 kg for 4535.9 kg base)	19037	1,275.00



Welded Seal Stainless Steel Load Cells

WET CORROSIVE APPLICATIONS	
Kit Includes	
(4) RL35083 welded-seal stainless steel load cells	
(1) JB4SS stainless steel NEMA 4X junction box	
(4) Surefoot high-accuracy stainless steel support feet	
20 ft/6.1 m EL147HE load cell cable	
(4) Mounting plates and (8) Load cell bolts	

NOTE: For complete load cell specifications, see RL35083 on page 131

Order Information

LOAD CELL/BASE CAPACITY (PER MODULE)	PART #	PRICE
Kit Includes RL35083 Welded-Seal Load Cells		
1000 lb for 2000 lb base (453.6 kg for 907.2 kg base)	19038	\$1,595.00
2500 lb for 5000 lb base (1134.0 kg for 2268.0 kg base)	19039	1,595.00
4000 lb for 10,000 lb base (1814.4 kg for 4535.9 kg base)	19040	1,595.00

Scale "Underdeck" Kits are provided to meet the application needs of the electronic floor scale producer and are an easy source for rebuilding existing floor scales. Underdeck kits are provided with mounting plates and load cell bolts for easy installation.

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S-BEAMS

Page 117

RL20000, Alloy Steel



Ideally suited for scale conversions and general-purpose weighing. Compact and rugged design. Capacities from 25 to 20,000lb (11.3 to 9071.9kg). Complete with 20ft/6.1 m of load cell cable.



Page 119

RL20000 SS, Stainless Steel



For suspended applications or mechanical scale conversions, this model provides the additional protection of stainless necessary in dry, corrosive environments. Available in capacities ranging from 50 to 10,000lb (22.7 to 4535.9kg).



Page 121

RL20000 ST, Stainless Steel



For suspended applications or mechanical scale conversions, this model provides the additional protection of stainless necessary in dry, corrosive environments. Available in capacities ranging from 50 to 20,000lb (22.7 to 9071.9kg).



Page 122

RL20001, Alloy Steel



Ideally suited for scale conversions, tension applications and general-purpose weighing. Compact and rugged design. Capacities from 250 to 20,000lb (113.4 to 9071.9kg). Complete with 20ft/6.1 m of load cell cable.



Page 123

RL20001 HE, Stainless Steel



The RL20001 HE is a full stainless, welded seal S-Beam available in capacities ranging from 500 to 10,000lb (226.8 to 4535.9kg). This model is featured in our new ITCM HE products, and is ideal for the harshest tension mounting applications. NTEP Certified from 500 to 5000lbs.



Page 124

RLETS, Alloy Steel



Ideally suited for scale conversions and general-purpose weighing. OIML approved and metric envelope capacities from 250 to 2500kg (551.2 to 5512.5lb). Complete with 6m/19.7 ft of load cell cable.



SINGLE-ENDED BEAMS

Page 125

RL30000 Alloy Steel Threaded Hole











Single-ended beam designed for low-profile scales and process applications. NTEP Certified cells in capacities from 1000 to 10,000lb (453.6 to 4535.9kg); Non-NTEP cells in 250, 500, 15,000 and 20,000lb (113.4 to 9071.9kg). Complete with 20ft/6.1 m of load cell cable.



Table of Contents

SINGLE-ENDED BEAMS

Page 126	RL30002, Alloy Steel Thru Hole		Single-ended beam designed for low-profile scales and process applications. NTEP Certified cells in capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg); Non-NTEP cells in 250, 500, 15,000 and 20,000 lb (113.4 to 9071.9 kg). Complete with 20ft/6.1 m of load cell cable.	
Page 127	RLH35		The RLH35 is the latest introduction to the popular Rice Lake beam line. The H35 offers all stainless steel construction and integral mounting foot as well as dimensional and electrical interchangeability with several load cell manufacturers. Capacities from 500 to 5000 lb. Each cell comes with 20ft/6.1 or 30ft of load cell cable.	
Page 128	RL39123, Stainless Steel		Single-ended beam in stainless steel. Designed for low-profile scales and process applications. Capacities from 250 to 15,000 lb (113.4 to 6803.9 kg). Complete with 20ft/6.1 m of load cell cable.	
Page 129	RL30745, Stainless Steel, Welded Seal		This stainless steel, welded-seal single-ended beam provides excellent protection against corrosive and washdown environments. This model is also a direct replacement cell for the Mettler-Toledo® 745 Mount. It is ideally suited for low-profile platforms and vessel weighing. Available in capacities from 500 to 10,000 lb (226.8 to 4535.9 kg). Complete with 30ft or 15ft of load cell cable.	
Page 130	RLBLC, Stainless Steel		Single-ended beam in stainless steel. Designed for low-profile scales and process applications. Capacities from 1000 to 4000 lb (1134.0 to 1714.4 kg) with 10ft/3.1 m of load cell cable; 5000 to 10,000 lb (2268.0 to 4535.9 kg) with 20ft/6.1 m of load cell cable.	
Page 131	RL35023, Alloy Steel		Single-ended beam designed for low-profile scales and a variety of process applications. NTEP Certified capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg); Non-NTEP cells in 500, 15,000 and 20,000 lb (226.8 to 9071.9 kg). Complete with 20ft/6.1 m of load cell cable.	
Page 132	RL35023S, Stainless Steel		Single-ended beam offers stainless steel construction for corrosion resistance. Designed for low-profile scales and a variety of process applications. Capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg). Complete with 20ft/6.1 m of load cell cable.	
Page 133	RL35083, Stainless Steel		Model RL35083 stainless steel, welded seal single-ended beam is a precision load cell offering exceptional performance and reliability in hostile environment applications typical of food and chemical processing. Designed for single or multiple load cell installations, the RL35083 is provided with a threaded load hole for easy adaptation of mounting hardware or leveling feet typical of floor scales. Capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg). Integral 20ft/6.1 m cable.	
Page 134	RL35082, Stainless Steel		Model RL35082 stainless steel, welded seal, single-ended beam is a precision load cell offering exceptional performance and reliability in hostile environment applications typical of food and chemical processing. Designed for single or multiple load cell installations, the RL35082 is provided with a threaded load hole for easy adaptation of mounting hardware or leveling feet typical of floor scales. Capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg). Integral 20ft/6.1 m cable.	

IP66/68








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SINGLE-ENDED BEAMS

<p>Page 135</p> 	<p>RLETB, Alloy Steel</p> <p>Single-ended beam designed for low-profile scales and process applications. OIML approved and metric envelope capacities of 500 to 5000kg (1102.3 to 11,023.1 lb). Complete with 19.7 ft/6m of load cell cable.</p>	
<p>Page 136</p> 	<p>RLHTO, Stainless Steel</p> <p>The industry's only 6000 division OIML-approved single-ended beam. Low profile and hermetic sealing combined with high accuracy makes the RLHTO ideally suited for low-profile platforms, pallet truck weighers, tanks and silos. Hermetically sealed and polyurethane shielded cable enable it to function in harsh environments while maintaining its operating specifications. Capacities from 500 to 5000kg (1102.3 to 11,023.1 lb). Complete with 16.4 ft/5m cable.</p>	
<p>Page 137</p> 	<p>RLSSB, Stainless Steel</p> <p>Rugged and precise single-ended beam offers welded-seal protection and stainless steel construction. Designed for use in the most hostile environments. Applications include platform scales, materials testing and process weighing. Capacities from 1000 to 10,000 lb (453.6-4535.9 kg). Complete with 15 ft/4.5m of load cell cable</p>	
<p>Page 138</p> 	<p>RLSB250/RLSB250T, Stainless Steel</p> <p>Interchangeable with Cardinal® SB2500. Stainless steel construction with welded seal. NTEP Certified capacity of 2500lb (1134.0kg) available. Complete with 10 ft/3.1 m of load cell cable.</p>	
<p>Page 139</p> 	<p>RLSB2L Alloy Steel</p> <p>Single-ended beam designed as a replacement for Masstron® cells, the RLSB2L series provides a cost-effective alternative. The series features a unique patented blind load hole to increase system accuracy. 35,000 and 45,000lb are epoxy-coated alloy steel. 35,000 to 45,000lb (15,875.7 to 20,411.9kg) with 30 ft/9.2m of load cell cable.</p>	
<p>Page 140</p> 	<p>RL50210, Alloy Steel</p> <p>Designed for tension-or compression-loading applications. Capacities from 25 lb to 500lb (11.3 to 226.8kg). Complete with 20 ft/6.1 m of load cell cable.</p>	
<p>Page 141</p> 	<p>RL50210SS, Stainless Steel</p> <p>Designed for tension or compression applications. Capacities from 25 to 500lb (11.3 to 226.8kg). Complete with 20 ft/6.1 m of load cell cable. Stainless steel protected by a stainless sleeve over the gage area.</p>	
<p>Page 142</p> 	<p>RL60040SST, Stainless Steel</p> <p>Designed for tension-or compression-loading applications. Capacities from 25 to 500lb (11.3 to 226.8kg). Complete with 20 ft/6.1 m of load cell cable. Stainless steel construction.</p>	

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SINGLE-ENDED BEAMS

Page 143	RL40BBS, Alloy Steel	Designed for precision force and weight measurement. Capacities from 50 to 2500lb (22.7 to 1134.0kg). Complete with 10ft/3.1 m of load cell cable.	
Page 144	RLHBB, Stainless Steel	Stainless steel construction, hermetic sealing and polyurethane shielded cable enable the RLHBB to function in harsh environments while maintaining its operating specifications. Suitable for low-profile platforms, weighing and packing machines, electromechanical conversions and general-purpose weighing applications. OIML C3-certified capacities from 11.0 to 1102.3lb (5 to 500kg). Complete with 10ft/3.1 m of load cell cable.	   
Page 145	RL32011WB-L, Stainless Steel	The Legal for Trade RL32011WB-L is our direct link-style replacement for the Avery Weigh-Tronix® Weigh Bar®, improved upon with stainless steel construction and IP67 rating for a variety of floor scale, mount assembly and truck scale designs. Standard capacities of 1,250lb to 50,000lb.	
Page 146	RL32011WB-T, Stainless Steel	Legal for Trade and FM approved, the RL32011WB-T, used in many floor scales models, is a direct replacement for the threaded style Avery Weigh-Tronix Weigh-Bar®, with improved stainless steel construction and a potted, IP67 housing. Available in 1,250lb or 2,500lb capacities.	 

DOUBLE-ENDED BEAMS






Page 147	RL70000, Alloy Steel	Double-ended beam with center loading. Designed for truck, tank and hopper applications. Capacities from 5000 to 250,000 lb (2268.0 to 113,400 kg). Complete with 30ft/9.2 m load cell cable.	  
Page 148	RL70000 SS, Stainless Steel	Stainless steel double-ended beam load cell designed for truck, track, and process weighing. High accuracy, low profile, and tolerances to non-axial loading and redundant seal. Capacities from 5000 to 150,000lb (2268.0 to 68,038.9kg). Complete with 30ft/9.2 m of load cell cable.	 

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DOUBLE-ENDED BEAMS

Page 149

RL71000 HE, Stainless Steel



This hermetically sealed stainless steel double-ended beam is an ideal replacement for the RL70000SS or RTI 9103 where moisture is a concern. Although this design is square instead of round, these cells will fit into the popular EZ Mount 1. Capacities from 5000 to 60,000 lb (2268.0 to 27,216.0 kg). Complete with 25 ft/7.6 m load cell cable.



Page 150

RL72010MH, Stainless Steel



Brand new to Rice Lake, the hermetically-sealed, stainless steel RL72010MH double-ended beam is an ideal replacement for the 71000 HE and RL70000SS when moisture is a concern. The RL72010MH pairs nicely with the popular EZ Mount 1 and is also a suitable replacement to other manufacturers' models. Available in capacities of 5000 to 60,000 lb (2268.0 to 27,216.0 kg). Complete with 25 ft/7.6 m load cell cable.

Page 151

RL75016, Alloy Steel



Double-ended beam with center loading. Designed for tank and hopper applications. Capacities from 1000 to 75,000 lb (453.6 to 34,019.4 kg). Complete with 25 ft/7.6 m of load cell cable.



Page 152

RL75016 SS, Stainless Steel



Double-ended beam with center loading. Designed for tank and hopper applications. Stainless steel provides protection against corrosive materials. Capacities from 1000 to 75,000 lb (453.6 to 34,019.4 kg). Complete with 25 ft/7.6 m of load cell cable.



Page 153

RL75016 WHE, Stainless Steel



Double-ended beam with center loading. Designed for tank and hopper applications. Stainless steel construction and hermetic sealing provide protection in hostile environments. Capacities from 1000 to 25,000 lb (453.6 to 11,339.8 kg). Complete with 25 ft/7.6 m of load cell cable.



Page 154

RL75058, Alloy Steel



Nickel plated and environmentally sealed with stainless steel side plates. Designed for center link loading and compatibility with the Unilink or similar suspension systems up to 75,000 lb (34,019.4 kg) Capacities from 10,000 to 125,000 lb (4536.0 to 56,699.1 kg). Complete with 35 ft/7.6 m of load cell cable. Models with 60 ft or 100 ft of load cell cable are available as well.



Page 155

RL75060S, Stainless Steel



With welded-seal and NTEP certification to 10,000 divisions, the RL75060S provides the ultimate in durability and accuracy in high-capacity process measurement and control. It is also ideal for vehicle weighing in hostile environments. Capacities from 20,000 to 100,000 lb (9071.9 to 45,359.4 kg). Complete with 35 ft/6.1 m of load cell cable.



Page 156

RL75223, Alloy Steel



Very high performance end-loaded, center-supported shear beam designed for low-profile truck and track scales in harsh environments. Welded seal provides superior protection. Parallel link loading provides free movement in all horizontal directions with virtually no friction. Compatible with Translink Mounts. Capacities from 50,000 to 100,000 lb (22,679.6 to 45,359.2 kg). Complete with 40 ft/12.2 m of load cell cable.



Page 157

RLDB50000S-50K, Stainless Steel



The RLD50000S is a stainless steel, welded load cell designed as an interchangeable load cell for the Cardinal® DB50000S. It is NTEP approved for 10,000 divisions and has 35 ft of cable standard.



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DOUBLE-ENDED BEAMS

Page 158

RL75040, Alloy Steel



Double-ended beam load cell. Nickel plated and environmentally sealed with stainless steel plates. Designed for center mounting and double link loading, compatible with Unilink/Translink suspension up to 75,000 lb (34,019.4 kg). Capacities from 25,000 to 125,000 lb (11,339.8 to 56,699.1 kg). Integral 35 ft/10.6 m cable. Optional 50 ft/15.3 m cable with 50,000 and 60,000 lb (22,679.6 and 27,215.5 kg) capacity load cells.



COMPRESSION CANISTERS

Page 159

RLCSP1, Stainless Steel



Welded seal, stainless steel canister cell designed for vehicle and process applications. High capacity load cell is built for reliability, durability and extreme precision. RLCSP1 cells are ideal for applications where optimum precision and durability are needed. Capacities from 25,000 to 200,000 lb (11,339.8 to 90,718.5 kg). Complete with 30 ft/9.2 m of load cell cable.



Page 160

RLSCA Rocker Column, Stainless Steel



The new Rice Lake Weighing Systems RLSCA load cell is designed to be a replacement for Cardinal® SCA products. It features all stainless construction and welded sealing to provide IP67 environmental protection. This package includes a load cell and two retrofit cups that allow the RLSCA to match up with various field applications. Backed by NTEP III L 10 M approval, this unit provides an easy-to-install and easy-to-access alternative to similar products on the market. Available in a 50,000 lb package, the RLSCA includes 30 ft/9.2 m of standard load cell cable.



Page 161

RL75114-50K, Stainless Steel



The RL75114 is a stainless steel hermetically sealed rocker column designed to interchange with the Fairbanks part number 64166. It has 30 ft of over braid cable to protect it from abrasion and rodents. NTEP Certified.



Page 162

RL8C2P1SS, Stainless Steel

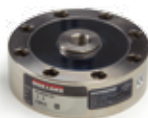


Single-column design with low deflection, hermetically sealed for trouble-free operation. Stainless steel for use in harsh environments. Compact and rugged. Capacities from 50,000 to 200,000 lb (22,679.6 to 90,718.5 kg). Complete with 35 ft/10.6 m of load cell cable.



Page 163

RL90000, Alloy Steel



Environmentally sealed low-profile compression disk. Models with capacities of 5000 and 10,000 lbs can also be used in tension loading applications. Shear web design provides excellent performance, low-profile feature makes it ideal for applications where height is critical. Capacities from 5000 to 100,000 lb (2268.0 to 45,359.4 kg). Integral 20 ft/6.1 m cable.



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SINGLE POINTS

Page 164

RLPC6, Stainless Steel



The RLPC6 is a stainless steel, hermetically sealed single point load cell. Can be used in any application where moisture is a problem. The RLPC6 is NTEP approved and is provided with 10ft of cable. Capacity ranges are 50kg to 200kg.



Page 165

RLPWM15HE, Stainless Steel



The RLPWM15HE is the latest in a line of hermetically sealed stainless steel single points offered by Rice Lake. The unique sealing techniques employed provide the RLPWM15HE with true hermetic sealing to IP69K. Available in capacities from 10kg to 100kg. NTEP approved and comes standard with 10ft of cable.



Page 166

RLPWM15, Stainless Steel



The environmentally sealed RLPWM15 replaces HBM's PW15 for many bench scale types. This stainless steel model with both NTEP and FM approval comes in a range of capacities from 10kg to 150kg. Standard with 10ft of load cell cable.



Page 167

RLPCBC-60, Stainless Steel



The RLPCBC-60 is a stainless steel hermetically sealed single point load cell. Can be used in applications where moisture is a problem. It is NTEP approved and includes 10ft of cable capacity ranges are 50kg to 1000kg



Page 168

RL1521A, Aluminum



The RL1521A is a very low-profile single-point load cell designed for electronic bench scales and platform scales where only one load cell is used. Intended as a replacement for the VPG BLH and NMB C2G1, capacities range from 3kg to 35kg (6.6lb to 77.2lb). Integral 17.8in/450mm load cell cable.



Page 169

RL1010, Aluminum, Potted/Unpotted



Off-center loading load cell. Designed for direct mounting of the weighing platform and simplifying construction of platform scales. Long-term stability and durability are maintained. Load cells with potted cavities are available for improved performance in damp environments. Potted models in capacities from 7kg to 90kg (15.4lb to 198.4lb) with 10ft/3.1m cable; unpotted models in capacities of 3kg and 5kg (6.6lb and 11.0lb) with 3ft/.9m cable, NTEP Certified from 10kg to 50kg.



Page 170

RLSP4, Aluminum



The RLSP4 is a low profile, off-center load cell designed for use in retail, postal and platform scale applications. This high accuracy single point is manufactured from aluminum, and is moment compensated for guaranteed accuracy. The product is protected by a quality gauge coating compound that provides a barrier against high humidity environments. This product is available in capacities from 15.4 to 220.5lb (7 to 100kg), and comes standard with a 3.3ft/1m cable.



Page 171

RLPWM12, Aluminum



A new aluminum, single point load cell from RLWS. With capacities from 50kg to 1000kg, this load cell is NTEP approved. The RLPWM12 is ideal for platform, hanging scale, and other low-capacity beams applications. Complete with 10ft/3.1m of load cell cable.



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SINGLE POINTS

Page 172	RLPWM16, Aluminum	A new single point, aluminum load cell from RLWS. With capacities from 50 kg to 635 kg, this load cell has a potted cavity and offers excellent performance in damp environments. Complete with 10ft/3.1 m of load cell cable.			
Page 173	RL1042, Aluminum	A low-profile single point for platform weighing, this model is constructed of aluminum, and is a two-beam design. This design offers high immunity to side forces and is specially coated to provide humidity resistance. The unit is available in a capacity range from 2.2lb to 220.5lb (1 kg to 100kg). Complete with 10ft/3.1 m load cell cable.			
Page 174	RL1040, Aluminum, Potted and Unpotted	Low-profile, off-center loading load cell. Designed for direct mounting of a weighing platform, hanging scales, and other low-capacity beam applications. Long-term stability and durability are maintained. Potted cavities provide improved performance in damp environments. NTEP Certified capacities from 15.4lb to 220.5lb (7 kg to 100kg); non-NTEP capacities of 6.6lb and 11 lb (3kg and 5kg). Integral 10ft/3.1 m load cell cable.			
Page 175	RL1140, Stainless Steel	This single-point cell is constructed of stainless steel and designed to perform in harsh, high shock-load environments. These features make the RL1380 ideal for platform scales and packaging and process weighing equipment. Capacities from 15.4lb to 132.3lb (7 kg to 60kg). Complete with 10ft/3.1 m of load cell cable.			
Page 176	RL1380, Stainless Steel	This single-point cell is constructed of stainless steel, and is designed for high performance in harsh environments. These features provide an excellent option when stainless steel is required for an application. The RL1385 is available in capacities ranging from 13.2lb to 441.0lb (6 kg to 200 kg). Complete with 10ft/3.1 m of load cell cable.			
Page 177	RL1385, Stainless Steel	Low-profile, off-center loading load cell. Designed for direct mounting of a weighing platform, hanging scales and other low-capacity beam applications. Stainless steel construction and a unique humidity-resistant protective coating provides long-term stability, even in harsh environments. Potted cavities provide improved performance in damp environments. Capacities from 33.1 lb to 330.7 lb (15kg to 150kg). Integral 10ft/3.1 m load cell cable.			
Page 178	RL1260, Aluminum	High-capacity, off-center-loading aluminium load cell. This model is of the two-beam design, and is specially coated to assure durability in harsh environments. Capacities from 110.2lb to 1400.0lb (50 kg to 635 kg). Complete with 10ft/3.1 m load cell cable.			
Page 179	RL1250, Potted, Aluminum	High-capacity, off-center-loading load cell accurately weighs loads from 110.2lb to 2204.6lb (50kg to 1000kg). Long-term stability and durability are maintained. These load cells with potted cavities offer excellent performance in damp environments.			

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SINGLE POINTS

Page 180 **RLFLS, Stainless Steel**



Interchangeable with the Avery Weigh-Tronix FLS, Rice Lake's single-point RLFLS is a solid choice for many bench scale applications. The potted RLFLS is stainless steel and rated at IP67, available in a range of capacities from 50 lb to 625 lb.

PLANAR BEAMS

Page 181 **RLBLP, Aluminum**



Very low profile aluminum sensor that can be used in bench scales in low profile floor scales. Available in capacities from 15 kg to 150 kg.

TENSION LINK

Page 182 **RL2010 Tension link**



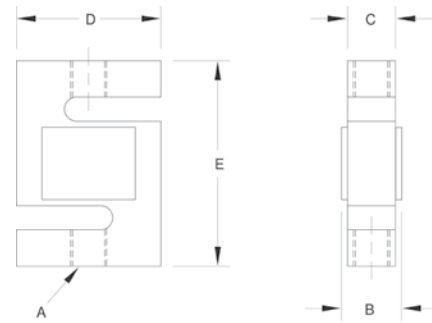
The RL2010 is a new tension link load cell for Rice Lake Weighing Systems. The capacity range of 5000 lb to 500,000 lb proves to be the perfect choice for those unique tension applications. It is constructed of stainless steel for years of trouble free service.

RL20000

S-Beam, Alloy Steel, NTEP 1:5000 III/1:10,000 IIIL



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

350 ohms, +/- 3

Input Resistance:

385 ohms, +/- 5

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% Full scale

Rated Excitation:

10V DC (15V maximum)

Combined Error:

0.02%

Insulation Resistance:

5000 megohms

Cable Length:

20 ft/6.1 m

Cable Diameter:

.200 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
25-300	1/4-28 UNF-2B	.75	.50	2.00	2.50
500-1500	1/2-20 UNF-2B	1.00	.75	2.00	2.50
2000-2500	1/2-20 UNF-2B	1.25	1.00	2.00	2.50
3000	1/2-20 UNF-2B	1.25	1.00	3.00	4.00
5000-10,000	3/4-16 UNF-2B	1.25	1.00	3.00	4.00
15,000	1-12 UNF-2B	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF-2B	2.25	2.00	5.00	7.00
kg/mm					
11.3-136.1	1/4-28 UNF-2B	19.1	12.7	50.8	63.5
226.8-680.4	1/2-20 UNF-2B	25.4	19.1	50.8	63.5
907.2-1134.0	1/2-20 UNF-2B	31.8	25.4	50.8	63.5
1360.8	1/2-20 UNF-2B	31.8	25.4	76.2	101.6
2268.0-4535.9	3/4-16 UNF-2B	31.8	25.4	76.2	101.6
6803.9	1-12 UNF-2B	38.1	31.8	101.6	139.7
9071.9	1 1/4-12 UNF-2B	57.2	50.8	127.0	177.8

RL20000

S-Beam, Alloy Steel, NTEP 1:5000 III/1:10,000 IIIL

Order Information

LOAD RATING		PART #	PRICE
25 lb	(11.3 kg)	21428	\$275.00
50 lb	(22.7 kg)	21429	275.00
75 lb	(34.0 kg)	21430	275.00
100 lb	(45.4 kg)	21431	275.00
150 lb	(68.0 kg)	21432	275.00
200 lb	(90.7 kg)	21433	275.00
250 lb	(113.4 kg)	21434	275.00
300 lb	(136.1 kg)	21435	275.00
500 lb	(226.8 kg)	21436	275.00
750 lb	(340.2 kg)	21437	275.00
1000 lb	(453.6 kg)	21438	275.00
1500 lb	(680.4 kg)	21439	275.00
2000 lb***	35 ft Cable	21356	338.00
2000 lb	(907.2 kg)	21440	275.00
2500 lb	(1134.0 kg)	21441	275.00
3000 lb	(1360.8 kg)	21442	315.00
5000 lb***	30 ft Cable	17044	476.00
5000 lb	(2268.0 kg)	21443	440.00
10,000 lb	(4535.9 kg)	21444	440.00
15,000 lb	(6803.9 kg)	21445	555.00
20,000 lb***	30 ft Cable	17045	937.00
20,000 lb	(9071.9 kg)	21446	875.00
Conduit Adapter Kit*(must be factory installed to maintain warranty)			
3/8-24 Nipple		31533*	30.00
3/8-24 to 1/4-18NPT		31534*	30.00

* Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit

***These load cells have 30' of cable and trimmed outputs and are used in many batch plants

Interchangeable Products

MANUFACTURER	MODEL
**Artech®	20210 (15 K has 1 in.-14)

**Except 15K

Weigh Module Available

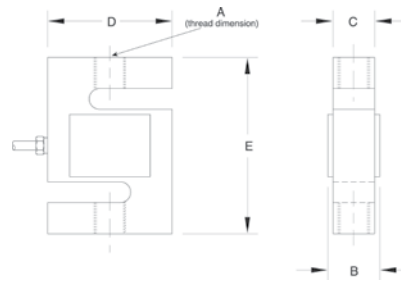
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

RL20000 SS

S-Beam, Stainless Steel, NTEP 1:10,000 Class IIIIL Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V (+/- .008)

Output Resistance:
350 ohms, +/- 3.5

Input Resistance:
390 ohms, +/- 15

Material/Finish:
Stainless steel

Temperature:
Compensated range 14°F to 104°F/
-10°C to 40°C

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Cable Length:
20 ft/6.1 m

Cable Color Code:
Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
50-250	1/4-28 UNF-2B	.65	.46	2.00	2.40
500-1000	1/2-20 UNF-2B	.90	.71	2.00	2.40
2500	1/2-20 UNF-2B	1.15	.96	2.00	2.40
3000	1/2-20 UNF-2B	1.15	.96	3.00	3.90
5000	3/4-16 UNF-2B	1.15	.96	3.00	3.90
10,000	3/4-16 UNF-2B	1.15	1.21	3.00	3.90
15,000	1-14 UNS-2B	1.63	1.46	3.44	5.50
20,000	1 1/4-12 UNF-2B	1.88	1.68	4.44	7.00
kg/mm					
22.7-113.4	1/4-28 UNF-2B	16.5	11.7	50.8	61.0
226.8-453.6	1/2-20 UNF-2B	22.9	18.0	50.8	61.0
1134.0	1/2-20 UNF-2B	29.2	24.4	50.8	61.0
1360.8	1/2-20 UNF-2B	29.2	24.4	76.2	99.1
2268.0	3/4-16 UNF-2B	29.2	24.4	76.2	99.1
4535.9	3/4-16 UNF-2B	29.2	30.7	76.2	99.1
15,000	1-14 UNS-2B	41.4	37.1	87.4	139.7
20,000	1 1/4-12 UNF-2B	47.8	42.8	112.8	177.8

RL20000 SS

Stainless Steel, NTEP 1:10,000 Class III Single Cell

Order Information

LOAD RATING		PART #	PRICE
RL20000 SS NTEP			
100 lb	(45.4 kg)	46511	\$295.00
250 lb	(113.4 kg)	46503	295.00
500 lb	(226.8 kg)	46504	295.00
750 lb	(340.2 kg)	46505	295.00
1000 lb	(453.6 kg)	46506	295.00
2500 lb	(1134.0 kg)	46507	295.00
3000 lb	(1360.8 kg)	46508	325.00
5000 lb	(2268.0 kg)	46509	475.00
10,000 lb	(4535.9 kg)	46510	495.00
RL20000 SS NON-NTEP			
50 lb	(22.9 kg)	17013	295.00
15,000 lb	(6804.0 kg)	158375	675.00
20,000 lb	(9072.0 kg)	158376	895.00
Conduit Adapter Kit*(must be factory installed to maintain warranty)			
3/8-24 Nipple		31533*	30.00
3/8-24 to 1/4-18NPT		31534*	30.00

* Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Revere Transducers	9363	262
Artech®	SS20210	—

Weigh Module Available

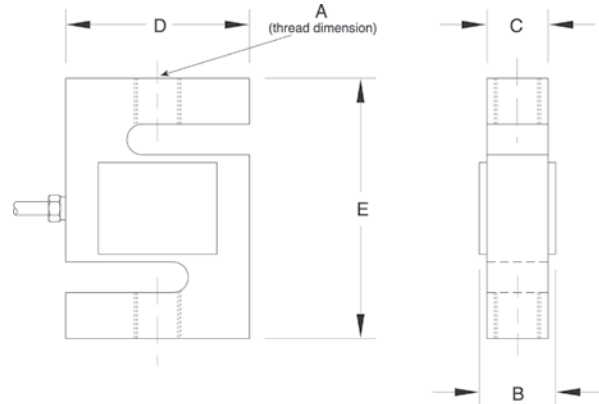
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

RL20000 ST

S-Beam, Stainless Steel, NTEP 1:10,000 Class III L Single Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
350 ohms, +/- 3.5

Input Resistance:
430 ohms, +/- 60

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Cable Length:
20 ft/6.1 m

Cable Diameter:
.190 polyurethane jacket

Cable Color Code:
Red+ Excitation
Black.....- Excitation
Green.....+ Signal
White- Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
50-300	1/4-28 UNF-2B	.65	.46	2.00	2.40
500-1000	1/2-20 UNF-2B	.90	.71	2.00	2.40
1500-2500	1/2-20 UNF-2B	1.15	.96	2.00	2.40
3000	1/2-20 UNF-2B	1.15	.96	3.00	3.90
5000-10,000	3/4-16 UNF-2B	1.15	.96	3.00	3.90
15,000	1-14 UNF-2B	1.69	1.50	4.00	5.50
20,000	1 1/4-12 UNF-2B	2.19	2.00	5.00	7.00
kg/mm					
22.7-45.4	1/4-28 UNF-2B	16.5	11.7	50.8	60.9
340.2-453.6	1/2-20 UNF-2B	22.9	18.0	50.8	60.9
680.4-1134	1/2-20 UNF-2B	29.2	24.4	50.8	60.9
1360.8	1/2-20 UNF-2B	29.2	24.4	76.2	99.1
2268-4535.9	3/4-16 UNF-2B	29.2	24.4	76.2	99.1
6803.9	1-14 UNF-2B	42.9	38.1	101.6	139.7
9071.9	1 1/4-12 UNF-2B	55.6	50.8	127.0	177.8

Order Information

LOAD RATING		PART #	PRICE
50 lb	(22.9 kg)	72741	\$295.00
100 lb	(45.4 kg)	72742	295.00
200 lb	(90.72 kg)	72743	295.00
250 lb	(113.4 kg)	72744	295.00
300 lb	(136.1 kg)	72745	295.00
500 lb	(226.8 kg)	72746	295.00
750 lb	(340.2 kg)	72747	295.00
1000 lb	(453.6 kg)	72748	295.00
1500 lb	(680.4 kg)	72749	295.00
2000 lb	(907.2 kg)	72750	295.00
2500 lb	(1134.0 kg)	72751	295.00

Order Information

LOAD RATING		PART #	PRICE
3000 lb	(1360.8 kg)	72752	\$395.00
5000 lb	(2268.0 kg)	72753	495.00
10,000 lb	(4535.9 kg)	72754	695.00
15,000 lb	(6804.0 kg)	72755	995.00
20,000 lb	(9072.0 kg)	72756	1,295.00
Conduit Adapter Kit*(must be factory installed to maintain warranty)			
3/8-24 Nipple		31533*	30.00
3/8-24 to 1/4-18 NPT		31534*	30.00

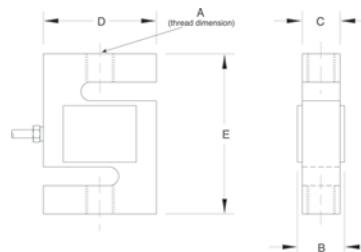
* Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit.
Conduit Adapter Kit* (must be factory installed to maintain warranty)

RL20001




S-Beam, Alloy Steel, NTEP Single Cell, IP67 1:5000 III/1:10,000 IIII



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 3.0mV/V</p> <p>Output Resistance: 350 ohms, +/- 3</p> <p>Input Resistance: 385 ohms, +/- 5</p> <p>Material/Finish: High-alloy steel, nickel plated</p> <p>Temperature: Compensated range 14°F to 104°F/-10°C to 40°C</p>	<p>Seal Type: Environmentally sealed, IP67</p> <p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V AC/DC (15V max.)</p> <p>Nonlinearity: 0.03% Full scale</p> <p>Hysteresis: 0.02% Full scale</p>	<p>Insulation Resistance: 5000 megohms</p> <p>Cable Length: 20 ft/6.1 m</p> <p>Cable Diameter: 200 polyurethane jacket</p> <p>Cable Color Code: Red + Excitation Black..... - Excitation Green + Signal White - Signal</p>	<p>Warranty: Two-year limited warranty</p> <p>Approvals:</p>   
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Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
250	3/8-24 UNF-2B	.75	.50	2.00	3.00
500-2000	1/2-20 UNF-2B	1.00	.75	2.00	3.00
2500-3000	1/2-20 UNF-2B	1.25	1.00	2.00	3.00
5000	3/4-16 UNF-2B	1.25	1.00	3.00	4.25
10,000	3/4-16 UNF-2B	1.25	1.00	3.50	4.75
15,000	1-14 UNF-2B	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF-2B	2.25	2.00	5.00	7.00
kg/mm					
113.4	3/8-24 UNF-2B	19.1	12.7	50.8	76.2
226.8-907.2	1/2-20 UNF-2B	25.4	19.1	50.8	76.2
1134.0-1360.8	1/2-20 UNF-2B	31.8	25.4	50.8	76.2
2268.0	3/4-16 UNF-2B	31.8	25.4	76.2	108.8
4535.9	3/4-16 UNF-2B	31.8	25.4	88.9	120.7
6803.9	1-14 UNF-2B	38.1	31.8	101.6	139.7
9071.9	1 1/4-12 UNF-2B	57.2	50.8	127.0	177.8

Order Information

LOAD RATING		PART #	PRICE
250 lb	(113.4 kg)	21402	\$275.00
500 lb	(226.8 kg)	21403	275.00
750 lb	(340.2 kg)	21404	275.00
1000 lb	(453.6 kg)	21405	275.00
1500 lb	(680.4 kg)	21406	275.00
2000 lb	(907.2 kg)	21407	275.00
2500 lb	(1134.0 kg)	21408	275.00
3000 lb	(1360.8 kg)	21409	315.00
5000 lb	(2268.0 kg)	21410	440.00
10,000 lb	(4535.9 kg)	21411	440.00
15,000 lb	(6803.9 kg)	21412	555.00
20,000 lb	(9071.9 kg)	21413	875.00
Conduit Adapter Kit*(must be factory installed to maintain warranty)			
3/8-24 Nipple		31533*	30.00
3/8-24 to 1/4-18 NPT		31534*	30.00

*Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Celtron	STC	192
VPG Scentroid	60001	293

Weigh Module Available

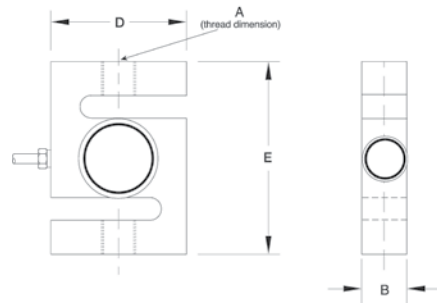
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

RL20001 HE

S-Beam, Stainless Steel, NTEP 1:5000 Class III/1:10,000 Class IIIL Single Cell Welded-seal, IP68



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V

Bridge Resistance:
350 ohms, nominal

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Welded-seal, IP68

Cable Length:
20'/6.1 m

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	D	E
lb/inches				
500-3000	1/2-20 UNF	1.00	2.00	3.00
5000-10,000	3/4-16 UNF	1.00	3.50	4.75
kg/mm				
453.6-1360.8	1/2-20	25.4	50.8	76.2
2268.0-4535.9	3/4-16	25.4	88.9	120.7

Order Information

LOAD RATING	PART #	PRICE
RL20001 HE NTEP		
500 lb (226.8 kg)	46469	\$850.00
750 lb (340.2 kg)	46470	850.00
1000 lb (453.6 kg)	46471	850.00
1500 lb (680.4 kg)	46472	850.00
2000 lb (907.2 kg)	46473	850.00
2500 lb (1134.0 kg)	46474	850.00
3000 lb (1360.8 kg)	46475	850.00
5000 lb (2268.0 kg)	46476	1,135.00
RL20001 HE NON-NTEP		
10,000 lb (4535.9 kg)	36292	1,135.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics	60063	295

Weigh Module Available

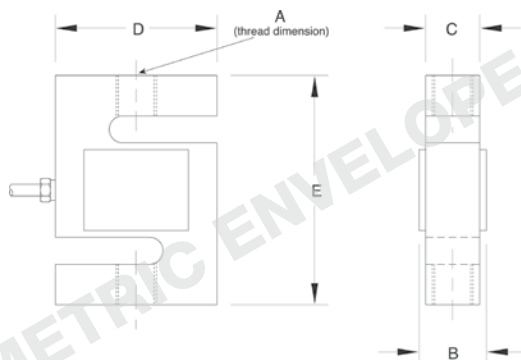
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

RLETS

S-Beam, Alloy Steel, Environmentally Sealed, OIML C3, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V ±0.25%

Bridge Resistance:
350 ohms, nominal

Material/Finish:
Alloy steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% Full scale

Rated Excitation:
10V AC/DC (15V maximum)

Combined Error:
0.02% Full scale

Insulation Resistance:
5000 megohms

Cable Length:
6m/19.7 ft

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:
Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:
Two-year limited warranty

Approvals:




Dimensions

RATED CAPACITY	A	B	C	D	E
kg/mm					
250-1000	M12 x 1.75-6H	25.4	19.1	50.8	76.0
2500	M20 x 1.5-6H	31.8	25.4	76.2	108.0
lb/inches					
551.2-2205.0	M12 x 1.75-6H	1.00	.75	2.00	3.00
5512.5	M20 x 1.5-6H	1.25	1.00	3.00	4.25

Order Information

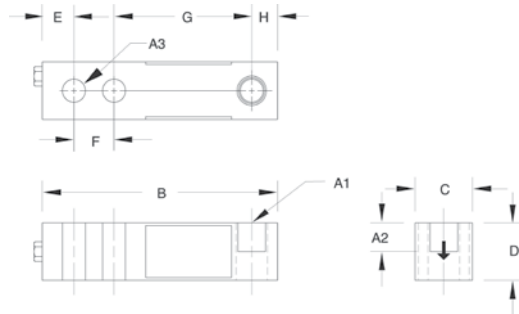
LOAD RATING		PART #	PRICE
250 kg	(551.2 lb)	31254	\$295.00
500 kg	(1102.3 lb)	31255	295.00
1000 kg	(2205.0 lb)	31256	295.00
2500 kg	(5512.5 lb)	31257	460.00

RL30000

Single-Ended Beam, Alloy Steel, NTEP 1:5000 III L Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V

Bridge Resistance:
350 ohms, nominal

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:
250-1000 lb = .013 in/.38 mm,
2000-3000 lb = .015 in/.38 mm,
4000-5000 lb = .025 in/.64 mm,
10,000 lb = .032 in/.81 mm,
15,000-20,000 lb = .038 in/.97 mm

Cable Length:
20 ft/6.1 m

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:

- Red+ Excitation
- Black.....- Excitation
- Green.....+ Signal
- White.....- Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1*	A2†	A3*	B	C	D	E	F	G	H
lb/inches										
250-5000 SE	1/2-20 UNF-2B	.60	.53	5.12	1.25	1.25	.62	1.00	3.00	.50
5000 LE-10,000	3/4-16 UNF-2B	.75	.78	6.75	1.50	1.50	.75	1.50	3.75	.75
20,000	1-12 UNF-2B	1.00	1.03	8.75	2.00	2.00	1.00	2.00	4.75	1.00
kg/mm										
113.4-2268 SE	1/2-20 UNF-2B	15.2	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7
2268.0 LE-4535.9	3/4-16 UNF-2B	19.1	19.8	171.5	38.1	38.1	19.1	38.1	95.3	19.1
9071.9	1-12 UNF-2B	25.4	26.2	222.3	50.8	50.8	25.4	50.8	120.7	25.4

* Dimension A1 is identical to A3 on the RL30002 Thru-Hole Model. † Dimension

A2 applies to RL30000 Threaded-Hole Model ONLY

Order Information

LOAD RATING	PART #	PRICE
RL30000 NTEP, Threaded-Hole Design		
1000 lb (453.6 kg)	21491	\$295.00
2000 lb (907.2 kg)	21493	295.00
2500 lb (1134.0 kg)	21495	295.00
3000 lb (1360.8 kg)	21497	295.00
4000 lb (1814.4 kg)	21498	295.00
5000 lb SE (2268.0 kg)	21500	295.00
5000 lb LE (2268.0 kg)	21501	375.00
10,000 lb (4535.9 kg)	21503	375.00
RL30000 Non-NTEP, Threaded-Hole Design		
250 lb (113.4 kg)	17341	295.00
500 lb (226.8 kg)	17342	295.00
20,000 lb (9071.9 kg)	17109	645.00
Conduit Adapter Kit*(must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	30.00
3/8-24 to 1/4-18 NPT	31534	30.00

* Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit.

SE refers to small envelope.

LE refers to large envelope.

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Threaded-Hole Design	—	—
VPG Revere Transducers	5123	264
VPG Tedeo-Huntleigh	3411	324
Artech®	30310	—

Weigh Module Available

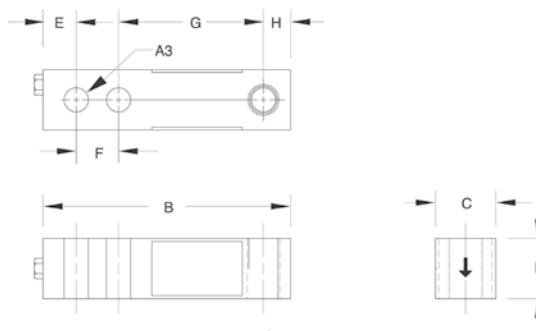
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210 TA	50
Rice Lake Weighing Systems	RL1800 Series	60

RL30002 Thru Hole

Single-Ended Beam, Alloy Steel, NTEP 1:5000 III L Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 3.0 mV/V</p> <p>Bridge Resistance: 350 ohms, nominal</p> <p>Material/Finish: High-alloy steel, nickel plated</p> <p>Temperature: Compensated range 14°F to 104°F/-10°C to 40°C</p> <p>Seal Type: Environmentally sealed, IP67</p>	<p>Safe Overload: 150% Full scale</p> <p>Safe Sideload: 100% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Nonlinearity: 0.03% Full scale</p> <p>Hysteresis: 0.02% Full scale</p>	<p>Insulation Resistance: 5000 megohms</p> <p>Deflection at Capacity: 1000 lb = .013 in/.33 mm, 2000-3000 lb = .015 in/.38 mm, 4000-5000 lb = .025 in/.64 mm,</p> <p>Cable Length: 20 ft/6.1 m</p> <p>Cable Diameter: 200 polyurethane jacket</p>	<p>Cable Color Code: Red+ Excitation Black- Excitation Green+ Signal White- Signal</p> <p>Warranty: Two-year limited warranty</p> <p>Approvals:</p> <div style="display: flex; align-items: center;"> </div> <p style="font-size: small;">except 250 lb</p>
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Dimensions

RATED CAPACITY	A3*	B	C	D	E	F	G	H
lb/inches								
250-5000 SE	.53	5.12	1.25	1.25	.62	1.00	3.00	.50
kg/mm								
113.4-2268 SE	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7

* Dimension A1 is identical to A3 on the RL30002 Thru-Hole Model. † Dimension

Order Information

LOAD RATING	PART #	PRICE
RL30002 NTEP, Thru-Hole Design		
1000 lb (453.6 kg)	21521	\$295.00
2000 lb (907.2 kg)	21522	295.00
2500 lb (1134.0 kg)	21523	295.00
4000 lb (1814.4 kg)	21524	295.00
5000 lb SE (2268.0 kg)	21525	295.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	30.00
3/8-24 to 1/4-18 NPT	31534*	30.00

Interchangeable Products

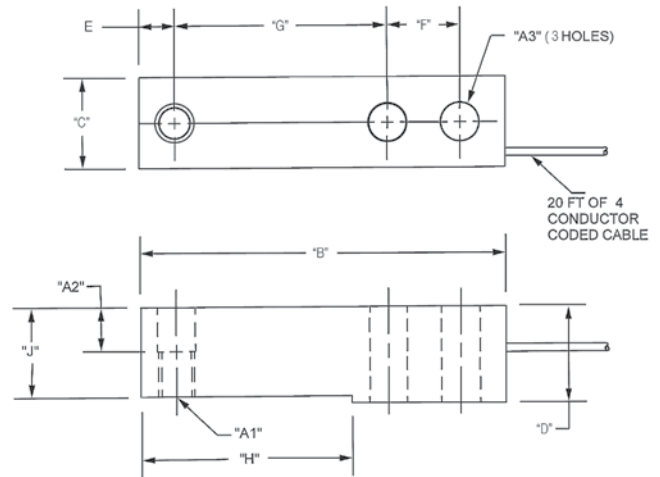
MANUFACTURER	MODEL	PAGE #
Threaded-Hole Design	—	—
VPG Tedeo-Huntleigh	3410	—
Artech®	30210	—

RLH35

Single-Ended Beam, Stainless Steel, NTEP 1:5000 Class IIII Multiple Cell, Welded-seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Bridge Resistance:
350 ohms, nominal

Material/Finish:
Stainless Steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.17% Full scale

Hysteresis:
0.17% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Welded-seal, IP67

Cable Length:
20'/6.1 m

Cable Diameter:
.190 polyurethane jacket

Cable Color Code:

- Green+ Excitation
- Black- Excitation
- White+ Signal
- Red- Signal
- YellowShield

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	A3	C	D	B	E	F	G	H
lb/inches										
500-5000	1/2-20 UNF-2B	.62	.53	1.21	1.19	5.12	.50	1.00	3.00	2.85
10,000	3/4-16 UNF-2B	.75	.78	1.44	1.44	6.75	.75	1.50	3.75	3.75
kg/mm										
453.6-2268	1/2-20 UNF-2B	15.8	13.5	30.7	30.2	130.05	12.7	25.4	76.2	72.4
4539.9	3/4 16 UNF02B	19.1	19.8	36.6	36.6	171.5	19.1	38.1	95.3	95.3

Order Information

LOAD RATING	PART #	PRICE
500 lb (226.8 kg)	106038	\$385.00
1,000 lb (453.6 kg)	106039	385.00
2,500 lb (1134.0 kg)	106040	385.00
4,000 lb (1814.4 kg)	106041	385.00
5,000 lb (2268.0 kg)	106042	385.00

Interchangeable products

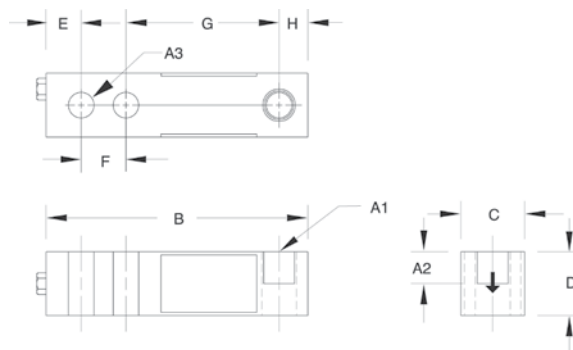
MANUFACTURER	PART #	PAGE #
Mettler Toledo®		
500 lb-8 ft cable	TB601019-008	-
1,000 lb-20 ft cable	TB601016-020	-
2,500 lb-8 ft cable	TB601016-008	-
4,000 lb-20 ft cable	TB601017-020	-
5,000 lb-8 ft cable	TB601018-008	-
HBM		
H35	-	236

RL39123



Single-Ended Beam, Stainless Steel



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 3.0 mV/V</p> <p>Output Resistance: 349-355 ohms</p> <p>Input Resistance: 343-357 ohms</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Compensated range 0°F to 150°F/-18°C to 65°C</p> <p>Seal Type: Environmentally sealed</p>	<p>Safe Overload: 150% Full scale</p> <p>Safe Sideload: 100% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Nonlinearity: 0.03% Full scale</p> <p>Hysteresis: 0.02% Full scale</p> <p>Insulation Resistance: 5000 megohms</p>	<p>Deflection at Capacity: 250-1000 lb=.013 in/.33 mm, 2000-3000 lb=.015 in/.38 mm, 4000-5000 lb=.025 in/.64 mm, 10,000 lb=.32 in/.81 mm, 15,000-20,000 lb=.038 in/.97 mm</p> <p>Cable Length: 20 ft/6.1 m</p> <p>Cable Diameter: .200 polyurethane jacket</p>	<p>Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal</p> <p>Warranty: Two-year limited warranty</p> <p>Approvals:  </p>
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Dimensions

RATED CAPACITY	A1	A2	A3	B	C	D	E	F	G	H
lb/inches										
250-4000	1/2-20 UNF-2B	.60	.53	5.12	1.25	1.25	.62	1.00	3.00	.50
5000-10,000	3/4-16 UNF-2B	.75	.78	6.75	1.50	1.50	.75	1.50	3.75	.75
kg/mm										
113.4-1814.4	1/2-20 UNF-2B	15.2	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7
2268.0-4535.9	3/4-16 UNF-2B	19.1	19.8	171.5	38.1	38.1	19.1	38.1	95.3	19.1
6803.9	1-12 UNF-2B	25.4	26.2	222.3	50.8	50.8	25.4	50.8	120.7	25.4

Order Information

LOAD RATING	PART #	PRICE
250 lb (113.4 kg)	17386	\$350.00
500 lb (226.8 kg)	17387	350.00
1,000 lb (453.6 kg)	17189	350.00
2,500 lb (1134.0 kg)	17191	350.00
4,000 lb (1814.4 kg)	17193	350.00
5,000 lb (2268.0 kg)	17194	420.00
10,000 lb (4535.9 kg)	17195	420.00
Conduit Adapter Kit*(must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	30.00
3/8-24 to 1/4-18NPT	31534*	30.00

* Parts # 31533 and #31534 must be installed together to form the Conduit Adapter Kit

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Revere Transducers	9123	265
Artech®	SS30310	—
HBM®	B35	237

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210 TA	50
Rice Lake Weighing Systems	RL1800 Series	60

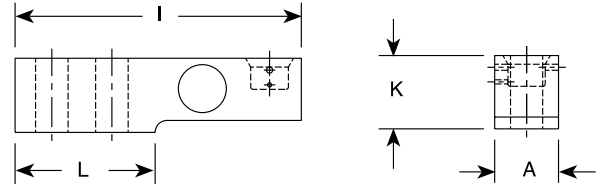
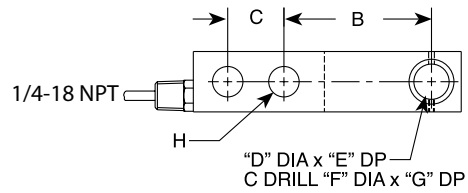
RL30745

Single-Ended Beam, Stainless Steel, Welded-seal, IP67, NTEP 1:5000 Class III Multiple



500 lb model

Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V

Bridge Resistance:
350 ohms, nominal

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.03%

Non-repeatability:
0.01% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Welded-seal, IP67

Cable Length:
30 ft/9.1 m/15 ft

Cable Diameter:
.190 polyurethane jacket

Deflection:
500-2.5 k .010 in
5k + 10k .012 in

Cable Color Code:
Green+ Excitation
Black- Excitation
White+ Signal
Red- Signal
YellowShield

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	K	L
lb/inches											
500-4,000	1.20	3.00	1.00	.63	.68	.507	.189	.500	5.25	1.22	2.27
5,000	1.46	3.00	1.00	.63	.92	.539	.38	.500	5.38	1.40	2.28
10,000	1.68	3.75	1.50	.88	1.06	.533	.44	.750	6.87	1.68	3.03
kg/mm											
226.8-1814.2	30.5	76.2	25.4	16.0	17.5	22.4	4.8	12.7	133.3	30.9	57.6
2268	37.1	76.2	25.4	16.0	23.4	22.4	9.7	12.7	136.7	35.5	57.9
4536	42.7	95.3	38.1	22.4	26.9	35.1	11.8	19.1	174.5	42.6	76.9

Order Information

LOAD RATING	PART #	PRICE
30' cables		
500 lb (226.8 kg)	76213	\$450.00
1,250 lb (567.0 kg)	47946	450.00
2,500 lb (1,134 kg)	45463	450.00
5,000 lb (2,268 kg)	45465	575.00
10,000 lb (4,536 kg)	45466	695.00
15' cables		
500 lb (226.8 kg)	101091	410.00
1,250 lb (567.0 kg)	101092	410.00
2,500 lb (1,134 kg)	101093	410.00
5,000 lb (2,268 kg)	101094	535.00
10,000 lb (4,536 kg)	101095	660.00
Rocker Pin 500-4 K	108612	62.00
Rocker Pin 5 K	130408	64.00
Rocker Pin 10 K	131376	94.00
O-ring*	108202	1.00

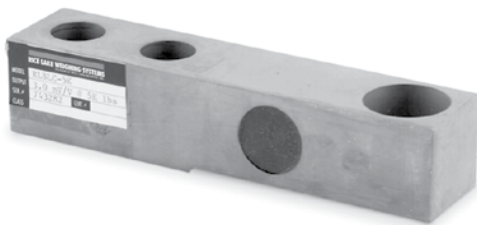
*Two per pin

Interchangeable Products

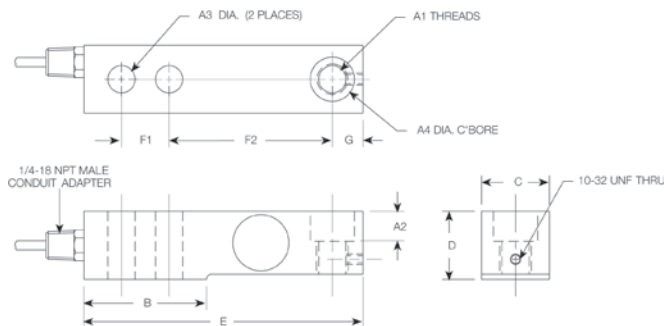
MANUFACTURER	MODEL	PAGE #
Mettler-Toledo®	TB600529-500 lb	—
Mettler-Toledo	TB600363-1250 lb	—
Mettler-Toledo	TB600342-2500 lb	—
Mettler-Toledo	TB600343-5000 lb	—
Mettler-Toledo	TB600364-10000 lb	—
HBM®	THC	238

RLBLC

Single-Ended Beam, Stainless Steel with Counter Bore



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 3.0 mV/V nominal</p> <p>Bridge Resistance: 1000 ohms, nominal</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Compensated range 15°F to 115°F/-9°C to 46°C</p>	<p>Seal Type: Environmentally sealed</p> <p>Safe Overload: 150% Full scale</p> <p>Safe Sideload: 100% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Nonlinearity: 0.03% Full scale</p>	<p>Hysteresis: 0.05% Full scale</p> <p>Insulation Resistance: 5000 megohms</p> <p>Deflection at Capacity: 1000-4000 lb=.010 in/.25 mm, 5000-10,000 lb=.012 in/.30 mm</p> <p>Cable Length: 1000-4000 lb=10 ft/3.1 m 5000-10,000 lb=20 ft/6.1 m</p>	<p>Cable Diameter: .190 polyurethane jacket</p> <p>Cable Color Code: Green+ Excitation Black- Excitation White+ Signal Red- Signal</p> <p>Warranty: Two-year limited warranty</p>
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Dimensions

RATED CAPACITY	A1	A2	A3	A4	B	C	D	E	F1	F2	G
lb/inches											
1000-4000	1/2-20 UNF-2B	.56	.53	.81	2.25	1.21	1.19	5.25	1.00	3.00	.60
5000	3/4-16 UNF-2B	.79	.78	1.19	3.00	1.45	1.44	6.75	1.50	3.75	.75
10,000	3/4-16 UNF-2B	.79	.78	1.19	3.00	1.69	1.69	6.75	1.50	3.75	.75
kg/mm											
453.6-1814.4	1/2-20 UNF-2B	14.2	13.5	20.6	57.2	30.2	30.2	130.1	25.4	76.2	12.7
2268.0	3/4-16 UNF-2B	20.1	19.8	30.2	76.2	36.6	36.6	171.5	38.1	95.3	19.1
4535.9	3/4-16 UNF-2B	20.1	19.8	30.2	76.2	36.6	49.3	171.5	38.1	95.3	19.1

Order Information

LOAD RATING	PART #	PRICE
1,000 lb (453.6 kg)	17091	\$395.00
2,500 lb (1134.0 kg)	17096	395.00
4,000 lb (1814.4 kg)	17101	395.00
5,000 lb (2268.0 kg)	17104	495.00
10,000 lb (4535.9 kg)	17108	495.00
Bushing (for conversion to non-counter bore)		
1,000 lb-4,000 lb, SST	17691	8.00

Interchangeable Products

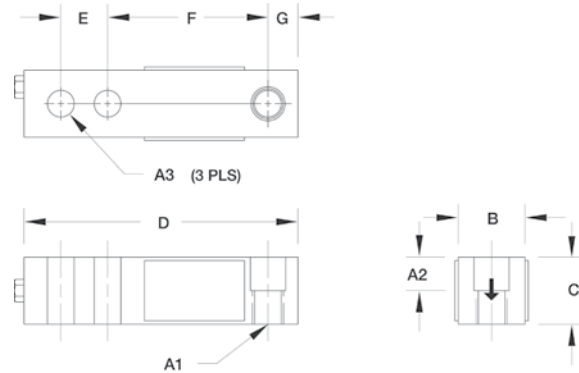
MANUFACTURER	MODEL	PAGE #
HBM®	BLC	240

RL35023

Single-Ended Beam, Alloy Steel, NTEP 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

349-355 ohms

Input Resistance:

343-357 ohms

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Nonlinearity:

0.03% Full scale

Hysteresis:

0.02% Full scale

Insulation Resistance:

5000 megohms

Deflection at Capacity:

500-1000 lb=.013 in/.3 mm,
2000-3000 lb=.015 in/.4 mm,
4000-5000 lb=.025 in/.6 mm,
10,000 lb=.035 in/.9 mm

Seal Type:

Environmentally sealed, IP67

Cable Length:

20 ft/6.1 m

Cable Diameter:

.200 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	A3	B	C	D	E	F	G
lb/inches									
500	1/2-20 UNF-2B	.50	.53	1.25	1.00	5.12	1.00	3.00	.50
1000-5000 SE	1/2-20 UNF-2B	.62	.53	1.25	1.25	5.12	1.00	3.00	.50
5000 LE-10,000	3/4-16 UNF-2B	.75	.78	1.50	1.50	6.75	1.50	3.75	.75
15,000-20,000	1-14 UNS-2B	1.00	1.03	2.00	2.00	8.88	2.00	4.88	1.03
kg/mm									
226.8	1/2-20 UNF-2B	12.7	13.5	31.8	25.4	130.1	25.4	76.2	12.7
453.6-2268.0 SE	1/2-20 UNF-2B	15.8	13.5	31.8	31.8	130.1	25.4	76.2	12.7
2268.0 LE-4535.9	3/4-16 UNF-2B	19.1	19.8	38.1	38.1	171.5	38.1	95.3	19.8
6803.9-9071.9	1-14 UNS-2B	25.4	26.2	50.8	50.8	225.6	50.8	124.0	25.0

Order Information

LOAD RATING	PART #	PRICE
1,000 lb (453.6 kg)	21528	\$295.00
2,000 lb (907.2 kg)	21529	295.00
2,500 lb (1134.0 kg)	21530	295.00
3,000 lb (1360.8 kg)	21531	295.00
4,000 lb (1814.4 kg)	21532	295.00
5,000 lb SE (2268.0 kg)	21535	295.00
5,000 lb LE (2268.0 kg)	21533	375.00
10,000 lb (4535.9 kg)	21534	375.00
Non-NTEP		
500 lb (226.8 kg)	17181	295.00
15,000 lb (6803.9 kg)	17186	645.00
20,000 lb (9071.9 kg)	17187	645.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	30.00
3/8-24 to 1/4-18 NPT	31534*	30.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Celtron	SQB	196
VPG Sensortronics	65023	296

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210TA	50
Rice Lake Weighing Systems	RL1800 Series	60

SE refers to small envelope

LE refers to large envelope

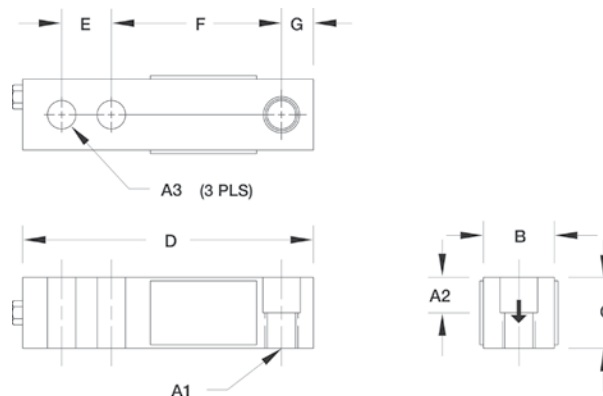
*Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit

RL35023S




Single-Ended Beam, Stainless Steel, NTEP 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Safe Overload: 150% Full scale	Seal Type: Environmentally sealed, IP67	Hysteresis: 0.02% Full scale
Output Resistance: 349-355 ohms	Safe Sideload: 100% Full scale	Cable Length: 20 ft/6.1 m	Insulation Resistance: 5000 megohms
Input Resistance: 343-357 ohms	Rated Excitation: 10V DC (15V maximum)	Cable Diameter: .200 polyurethane jacket	Warranty: Two-year limited warranty
Material/Finish: Stainless steel	Nonlinearity: 0.03% Full scale	Cable Coloring: Red+ Excitation Black.....- Excitation Green.....+ Signal White.....- Signal	Approvals:   
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Deflection at Capacity: 500-1500 lb=0.013 in/0.33 mm, 1000-5000 lb=0.017-0.025 in, 5000-10,000 lb=0.025-0.035 in, 15,000-20,000 lb=0.048-0.013 in		

Dimensions

RATED CAPACITY	A1	A2	A3	A4	B	C	D	E	F	G
lb/inches										
1000-4000	1/2-20 UNF-2B	.62	.53	.53 DIA.	1.25	1.25	5.12	1.00	3.00	.50
5000-10,000	3/4-16 UNF-2B	.75	.78	.78 DIA.	1.50	1.50	6.75	1.50	3.75	.75
kg/mm										
453.6-1814.4	1/2-20 UNF-2B	15.8	13.5	13.5 DIA.	31.8	31.8	130.1	25.4	76.2	12.7
2268.0-4535.9	3/4-16 UNF-2B	19.1	19.8	19.8 DIA.	38.1	38.1	171.5	38.1	95.3	19.1

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	30649	\$365.00
2000 lb (907.2 kg)	30650	365.00
2500 lb (1134.0 kg)	30651	365.00
4000 lb (1814.4 kg)	30652	365.00
5000 lb (2268.0 kg)	30653	430.00
10,000 lb (4535.9 kg)	30654	430.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	30.00
3/8-24 to 1/4-18 NPT	31534*	30.00

*Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit

Interchangeable Products

MANUFACTURER	MODEL	PAGE#
VPG Sensortronics	65023 S	301
VPG Sensortronics	65023 SS	300
SQB HSS		

Weigh Module Available

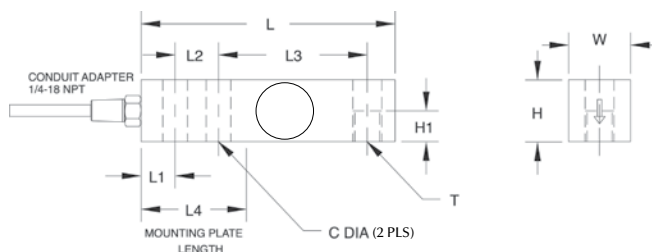
MANUFACTURER	MODEL	PAGE#
Rice Lake Weighing Systems	RL50210	50
Rice Lake Weighing Systems	RL1800 Series	60

RL35083

Single-Ended Beam, Stainless Steel, Welded-seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V

Output Resistance:
349-355 ohms

Input Resistance:
343-357 ohms

Material/Finish:
Stainless steel

Temperature:
Compensated range
0°F to 150°F/-18°C to 65°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.03% Full scale

Non-Repeatability:
0.01% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:

1000-4000 lb=.0008-0.026"/.33 mm,
5000-10,000 lb=.030-0.055"/.81 mm

Seal Type:

Welded-seal strain gauge*, IP67

Cable Length:

20 ft/6.1 m

Cable Diameter:

.220 PTFE coated cable

Conduit Adapter Size:

1/4-18 NPT

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	C	H	H1	L	L1	L2	L3	L4	T	W
lb/inches										
1000-4000	.53	1.22	.61	5.12	.62	1.00	3.00	2.25	1/2-20UNF-2B	1.22
5000-10,000	.78	1.50	.75	6.75	.75	1.50	3.75	3.00	3/4-16UNF-2B	1.50
kg/mm										
453.6-1814.4	13.5	31.0	15.5	130.0	15.7	25.4	76.2	57.2	1/2-20UNF-2B	31.0
2268.0-4535.9	19.8	38.1	19.1	171.5	19.1	38.1	95.3	76.2	3/4-16UNF-2B	38.1

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	17252	\$405.00
2500 lb (1134.0 kg)	17253	405.00
4000 lb (1814.4 kg)	17254	405.00
5000 lb (2268.0 kg)	17255	455.00
10,000 lb (4535.9 kg)	17256	455.00

*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics	65083	302
VPG Celtron	SQB-HSS	197

Weigh Module Available

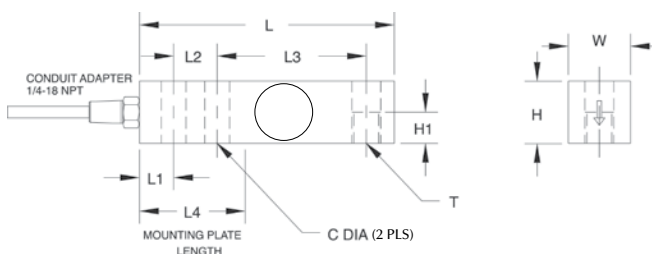
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50
Rice Lake Weighing Systems	RL1800 Series	60

RL35082





Single-Ended Beam, Stainless Steel, NTEP 1:5000 Class III Multiple Cell, Welded-seal, IP67, 66/68**



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V	Safe Overload: 150% Full scale	Insulation Resistance: 5000 megohms	Conduit Adapter Size: 1/4-18 NPT**
Output Resistance: 349-355 ohms	Safe Sideload: 100% Full scale	Deflection at Capacity: 1000-4000 lb=.012"/.33 mm, 5000-10,000 lb=.030"/.81 mm	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal
Input Resistance: 343-357 ohms	Rated Excitation: 10V DC (15V maximum)	Seal Type: Welded-seal strain gauge*, IP67	Warranty: Two-year limited warranty
Material/Finish: Stainless steel	Combined Error: 0.02% Full scale	Cable Length: 20 ft/6.1 m	Approvals:
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Non-Repeatability: 0.01% Full scale	Cable Diameter: .220 PTFE coated cable	   

Dimensions

RATED CAPACITY	C	H	H1	L	L1	L2	L3	L4	T	W
lb/inches										
1000-4000	.53	1.22	.61	5.12	.62	1.00	3.00	2.25	1/2-20 UNF-2B	1.22
5000-10,000	.78	1.50	.75	6.75	.75	1.50	3.75	3.00	3/4-16 UNF-2B	1.50
kg/mm										
453.6-1814.4	13.5	31.0	15.5	130.0	15.7	25.4	76.2	57.2	1/2-20 UNF-2B	31.0
2268.0-4535.9	19.8	38.1	19.1	171.5	19.1	38.1	95.3	76.2	3/4-16 UNF-2B	38.1

Order Information

LOAD RATING	PART #	PRICE
IP67 RL35082 N5 Model		
1000 lb (453.6 kg)	31283	\$425.00
2500 lb (1134.0 kg)	31282	425.00
4000 lb (1814.4 kg)	31281	425.00
5000 lb (2268.0 kg)	31280	475.00
10,000 lb (4535.9 kg)	31279	475.00
IP66/68** RL35082 HE Model		
1000 lb (453.6 kg)	34702	505.00
2500 lb (1134.0 kg)	34703	505.00
4000 lb (1814.4 kg)	34704	505.00
5000 lb (2268.0 kg)	34705	555.00
10,000 lb (4535.9 kg)	34706	555.00

*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry

**IP66/68 Hermetically sealed versions have 1/2-14 NPT conduit adapter

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics	65083 S	303

Weigh Module Available

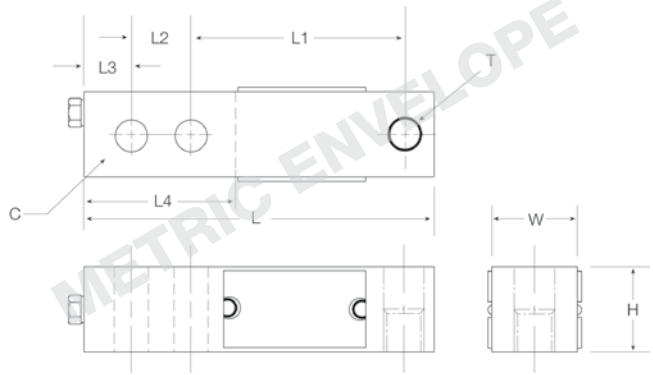
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50
Rice Lake Weighing Systems	RL1800 Series	60

RLETB

Single-Ended Beam, Alloy Steel, OIML C3, IP67



Picture is a representation of actual product



RICE LAKE WEIGHING SYSTEMS

Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

349-355 ohms

Input Resistance:

343-357 ohms

Material/Finish:

Alloy steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Combined Error:

0.03% Full scale

Insulation Resistance:

5000 megohms

Seal Type:

Environmentally sealed, IP67

Cable Length:

6 m/19.7 ft

Cable Diameter:

.200 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY C	H	L	L1	L2	L3	L4	W	T
kg/mm								
500-2000	57.0	32.0	130.0	76.0	25.0	16.0	13.0	M12 x 1.75-6H
5000	76.0	38.0	171.0	95.0	38.0	19.0	20.7	M20 x 1.5-6H
lb/inches								
1102.3-4409.2	2.25	1.25	5.12	3.00	.98	.63	.51	M12 x 1.75-6H
11,023.1	3.00	1.50	6.73	3.74	1.50	.75	.81	M20 x 1.5-6H

Order Information

LOAD RATING	PART #	PRICE
500 kg (1102.5 lb)	31249	\$325.00
1000 kg (2205.0 lb)	31248	325.00
2000 kg (4410.0 lb)	31247	325.00
5000 kg (11,025.0 lb)	31246	405.00

www.ricelake.com | Phone: 800-472-6703

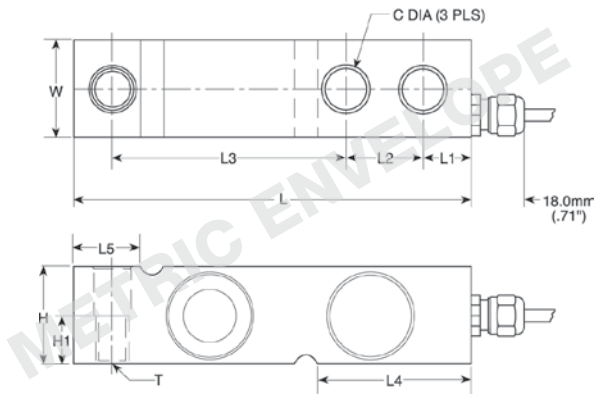
RICE LAKE

RLHTO

Single-Ended Beam, Stainless Steel, Hermetically sealed, IP66/68, OIML C3



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 m-V/V Output Resistance: 350 ohms, +/- 3 Input Resistance: 380 ohms, +/- 10 Material/Finish: Stainless steel Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 150% Full scale Sate Sideload: 100% Full Rated Excitation: 10V DC (15V maximum) Total Error: 0.02% Applied Load Insulation Resistance: 2000 megohms	Deflection at Capacity: 500-5000 kg=.4 mm/.015 in Seal Type: Hermetically sealed, IP66/68 Cable Length: 5 m/16.4 ft Cable Diameter: .220 polyurethane jacket	Cable Color Code: Blue+ Excitation Black.....- Excitation Green+ Sense Grey- Sense White+ Signal Red- Signal Warranty: Two-year limited warranty Approvals:
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Dimensions

RATED CAPACITY	C	H	H1	L	L1	L2	L3	L4	L5	T	W
lb/inches											
1102.3-4409.2	.53	1.26	.63	5.12	.62	1.00	3.00	1.99	.93	M12 X 1.75.	1.26
11,023.1	.80	1.89	—	6.75	.75	1.50	3.75	2.76	1.46	—	1.44
kg/mm											
500-2000	13.5	32.0	16.0	130.0	15.8	25.4	76.2	50.5	23.5	M12 x 1.75.	32.0
5000	20.5	48.0	—	171.5	19.0	38.1	95.3	70.0	37.0	—	36.5

Interchangeable Products

LOAD RATING		PART #	PRICE
C3 500 kg	(1102.5 lb)	31253	\$485.00
C3 1000 kg	(2205.0 lb)	31250	485.00
C3 2000 kg	(4410.0 lb)	31251	485.00
C3 5000 kg	(11,025.0 lb)	31252	555.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Tedeo-Huntleigh	3510 kg	326

Weigh Module Available

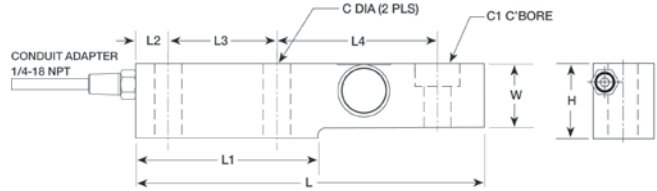
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	1700HE	34

RLSSB

Single-Ended Beam, Stainless Steel, Welded-seal, NTEP 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0mV/V

Bridge Resistance:
350 ohms, nominal

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.02%

Non-repeatability:
0.01% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Welded-seal, IP67

Cable Length:
15 ft/4.5 m

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:

- Green+ Excitation
- Black.....- Excitation
- White+ Signal
- Red- Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	C	C1	H	L	L1	L2	L3	L4	W
lb/inches									
1000-5000	.53	.68 THRU C'BORE 1.19 x .47 DP	1.88	8.00	4.00	.75	2.50	3.88	1.44
10,000	.88	1.00 THRU C'BORE 1.63 x .62 DP	2.75	9.25	4.62	.81	2.63	4.88	1.88
kg/mm									
453.6-2268.0	13.5	.68 THRU C'BORE 1.19 x .47 DP	47.8	203.2	101.6	19.1	63.5	98.6	36.6
4535.9	22.4	1.00 THRU C'BORE 1.63 x .62 DP	69.9	235.0	117.3	20.6	66.8	124.0	47.8

Order Information

LOAD RATING		PART #	PRICE
1000 lb	(453.6 kg)	34310	\$600.00
2000 lb	(907.2 kg)	34311	600.00
5000 lb	(2268.0 kg)	34312	600.00
10,000 lb	(4535.9 kg)	34313	715.00
1-5 k, Stainless Steel			
Load cell button	—	26112	30.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
HBM®	SB3	—
VPG Revere Transducers	SSB	271
Artech®	SS30610	—

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	Mount Kit RL1900	62

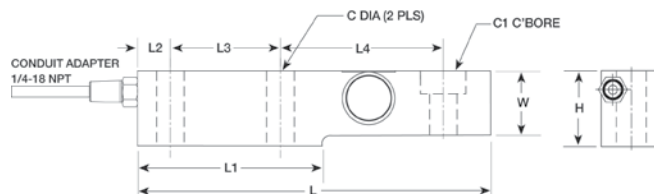
RLSB250/RLSB250T

Single-Ended Beam, Stainless Steel, Welded-seal, NTEP 1:5000 Class III Multiple Cell, IP67



Threaded Versions
Now Available

Picture is a representation of actual product



Specifications

Full Scale Output:

2.0mV/V

Bridge Resistance:

350 ohms, nominal

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Combined Error:

0.02%

Non-repeatability:

0.01% Full scale

Insulation Resistance:

5000 megohms

Seal Type:

Welded-seal, IP67

Cable Length:

20 ft/6.2 m

Cable Diameter:

.200 polyurethane jacket

Cable Color Code:

Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY C	C1	H	L	L1	L2	L3	L4	T*	W
lb/inches									
2500-5000	.53	.68 THRU C'BORE 1.19 x .47 DP	1.88	8.00	4.00	.75	2.50	3/4-16 UNF	1.44
10,000 lb	—	1.00 thru 1.63 x .62 DP	2.46	9.00	4.00	.75	2.00	—	1.62
kg/mm									
1134.0	13.5	.68 THRU C'BORE 1.19 x .47 DP	47.8	203.2	101.6	19.1	63.5	—	36.6

Order Information

LOAD RATING		PART #	PRICE
*2500 lb	(1134.0 kg)	34482	\$600.00
2500 lb	(1134.0 kg)	116053	600.00
5000 lb	(2268.0 kg)	116054	700.00
*10,000 lb	(4536.0 kg)	116055	700.00
Insert	—	116084	9.00

*No threads in load hole

Interchangeable Products

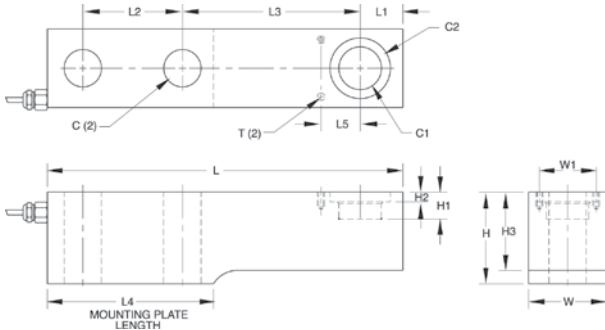
MANUFACTURER	MODEL
Cardinal®	SB2500*

RLSB2L

Single-Ended Beam, Hermetically sealed, IP67



Picture is a representation of actual product



RLSB2L - 35,000-45,000 lb/15,876-20,411.7 kg

Specifications

Full Scale Output:
2.0 mV/V ± .07% (matched)

Bridge Resistance:
350 ohms, nominal

Material/Finish:
35,000-45,000 lb-High-alloy steel,
epoxy coated

Temperature:
Compensated range
15°F to 115°F/-9°C to 46°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.03% Full scale

Insulation Resistance:
10000 megohms

Seal Type:
35,000 and 45,000 lb/15,875.7 and
20,411.7 kg, Hermetically sealed, IP67

Cable Length:
35,000-45,000 lb=30 ft/9.2 m

Cable Diameter:
.299 polyurethane jacket

Cable Color Code:
Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal

Warranty:
Two-year limited warranty

Dimensions

RATED CAPACITY	C	C1	C2	H	H1	H2	H3	L	L1	L2	L3	L4	W	W1	T
lb/inches															
35,000	1.31	1.50	2.12	3.22	.95	.37	2.75	12.50	1.50	3.50	6.25	5.84	2.75	2.00	10-32 x .50 DP
kg/mm															
15,875.7	33.3	38.1	53.9	69.9	24.1	9.4	—	317.5	38.1	88.9	158.8	152.4	69.9	50.8	10-32 x 12.7 DP

Order Information

LOAD RATING	PART #	PRICE
RLSB2L		
*35,000 lb (15,875.7 kg)	65234	\$1,595.00

* Hermetically sealed

Interchangeable Products

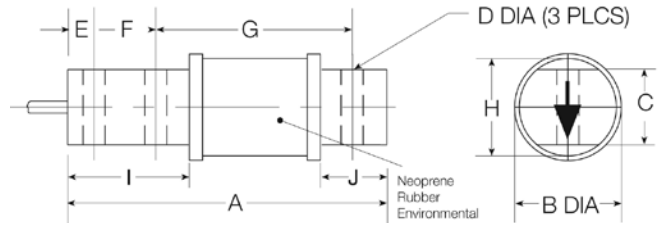
MANUFACTURER	MODEL	CAPACITY
Masstron	ML4437	35,000 lb (15,875.7 kg)

RL50210

Single-Ended Beam, Alloy Steel, IP65



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

349-355 ohms

Input Resistance:

380-450 ohms

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Operating range
0°F to 150°F/-18°C to 65°C

Safe Overload:

150% Full scale

Rated Excitation:

10V DC (15V maximum)

Nonlinearity:

0.03% Full scale

Hysteresis:

0.02% Full scale

Insulation Resistance:

5000 megohms

Deflection at Capacity:

25-50 lb=.008 in/.20 mm,
100 lb=.010 in/.25 mm,
150 lb=.012 in/.30 mm,
250 lb=.016 in/.41 mm,
500 lb=.025 in/.64 mm

Seal Type:

Environmentally sealed with neoprene sleeve, IP65

Cable Length:

20 ft/6.1 m

Cable Diameter:

.200 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green.....+ Signal
White.....- Signal

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J
lb/inches										
25-500	2.81	1.30	.62	.26	.25	.50	0.25	1.00	1.00	.50
kg/mm										
11.3-226.8	71.4	33.0	15.8	6.6	6.4	12.7	6.35	25.4	25.4	12.7

Order Information

LOAD RATING	PART #	PRICE
25 lb (11.3 kg)	17385	\$245.00
50 lb (22.7 kg)	17380	245.00
100 lb (45.4 kg)	17381	245.00
150 lb (68.0 kg)	17382	245.00
250 lb (113.4 kg)	17383	245.00
500 lb (226.8 kg)	17384	245.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics	60040	304
Artech®	50210	—
VPG Revere Transducers	5503	—

Weigh Module Available

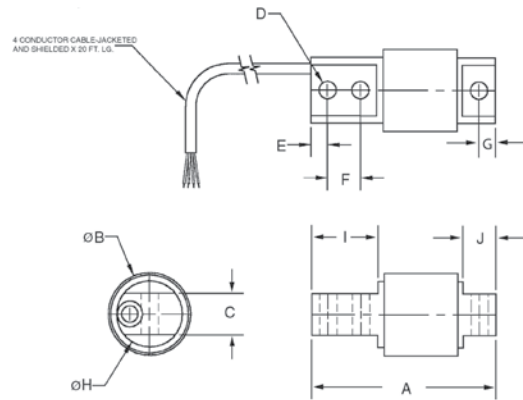
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50

RL50210SS

Single-Ended Beam, Stainless Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0mV/V	Rated Excitation: 10V DC (15V maximum)	Deflection at Capacity: 25-50 lb=.008 in/.20 mm, 100 lb=.010 in/.25 mm, 150 lb=.012 in/.30 mm, 250 lb=.016 in/.41 mm, 500 lb=.025 in/.64 mm	Cable Diameter: .200 PVC jacket
Bridge Resistance: 350 ohms, nominal	Nonlinearity: 0.03% Full scale	Seal Type: Environmentally sealed stainless steel sleeve, IP67	Cable Color Code: Red+ Excitation Black- Excitation Green+ Signal White- Signal
Material/Finish: Stainless steel	Hysteresis: 0.05% Full scale	Cable Length: 20 ft/6.1 m	Warranty: Two-year limited warranty
Temperature: Operating range 0°F to 150°F/-18°C to 65°C	Insulation Resistance: 5000 megohms		Approvals:
Safe Overload: 150% Full scale			

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J
lb/inches										
25-500	2.81	1.30	.62	.26	.25	.50	1.81	1.00	1.00	.50
kg/mm										
11.3-226.8	71.4	33.0	15.8	6.6	6.4	12.7	46.0	25.4	25.4	12.7

Order Information

LOAD RATING	PART #	PRICE
25 lb (11.3 kg)	53209	\$425.00
50 lb (22.7 kg)	53210	425.00
75 lb (34.0 kg)	53211	425.00
100 lb (45.4 kg)	53212	425.00
150 lb (68.0 kg)	53213	425.00
250 lb (113.4 kg)	53214	425.00
500 lb (226.8 kg)	53215	425.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics	60040	304
Artech®	50210	—
VPG Revere Transducers	5503	—

Weigh Module Available

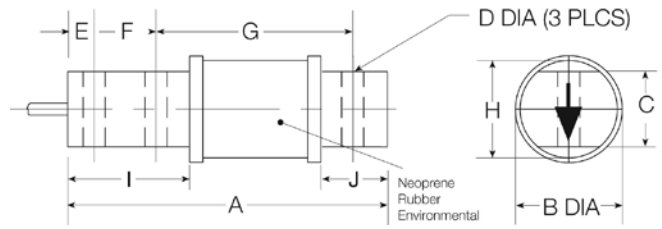
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50

RL60040SST

Single-Ended Beam, Stainless Steel, IP65



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
349-355 ohms

Input Resistance:
380-450 ohms

Material/Finish:
Stainless steel

Temperature:
Operating range
0°F to 150°F / -18°C to 65°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:
25-50 lb = .008 in / .20 mm,
100 lb = .010 in / .25 mm,
150 lb = .012 in / .3 mm,
250 lb = .016 in / .41 mm,
500 lb = .025 in / .64 mm

Seal Type:
Environmentally sealed with neoprene sleeve, IP65

Cable Length:
20 ft / 6.1 m

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:
Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:
Two-year limited warranty

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J
lb/inches										
25-500	2.81	1.30	.62	.26	.25	.50	1.81	1.00	1.00	.50
kg/mm										
11.3-226.8	71.4	33.0	15.8	6.6	6.4	12.7	46.0	25.4	25.4	12.7

Order Information

LOAD RATING	PART #	PRICE
25 lb (11.3 kg)	101972	\$425.00
50 lb (22.7 kg)	101973	425.00
75 lb (34.0 kg)	101974	425.00
100 lb (45.4 kg)	101975	425.00
150 lb (68.0 kg)	101976	425.00
250 lb (113.4 kg)	101977	425.00
500 lb (226.8 kg)	101978	425.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
*VPG Sensortronics	60040	304
*Artech®	50210	—
*VPG Revere Transducers	5503	—

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50

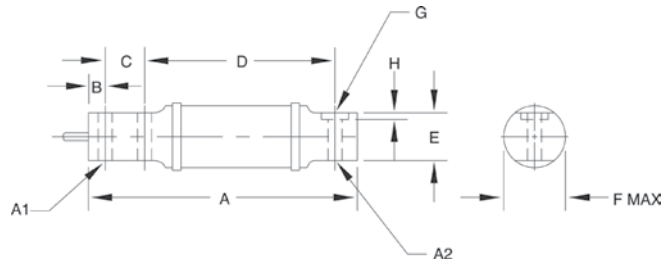
*Alloy steel

RL40BBS

Single-Ended Beam, Alloy Steel, IP65



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0mV/V

Bridge Resistance:
50-1000 lb/750 ohms, nominal
2500 lb/347 ohms, nominal

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Operating range
0°F to 150°F/-18°C to 65°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Deflection at Capacity:
50 lb=.015 in/.38 mm,
100 lb=.005 in/.64 mm,
200-250 lb=.030 in/.76 mm,
500 lb=.020 in/.51 mm,
1000 lb=.040 in/1.02 mm,
2500 lb=.120 in/3.05 mm

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Environmentally sealed with neoprene sleeve, IP65

Cable Length:
10 ft/3.1 m

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:

Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	A1	A2	B	C	D	E	F	G	H
lb/inches										
50-100	6.00	.31	.31	.38	.88	4.25	1.06	1.41	—	—
200-1000	6.62	.52	.52	.50	1.12	4.25	1.06	1.41	—	—
2500	11.38	.53	.62	.50	1.75	8.25	1.25	2.19	1.19	.12
kg/mm										
22.7-45.4	52.4	7.9	7.9	9.7	22.4	108.0	26.9	35.8	—	—
90.7-453.6	168.2	13.2	13.2	12.7	28.5	108.0	26.9	35.8	—	—
1134.0	289.1	13.5	15.8	12.7	44.5	209.6	31.8	55.6	30.3	3.0

Order Information

LOAD RATING	PART #	PRICE
50 lb (22.7 kg)	17395	\$395.00
100 lb (45.4 kg)	17343	395.00
200 lb (90.7 kg)	17396	395.00
250 lb (113.4 kg)	17397	395.00
500 lb (226.8 kg)	17398	395.00
1000 lb (453.6 kg)	17344	395.00
2500 lb (1134.0 kg)	17345	625.00

Interchangeable Products

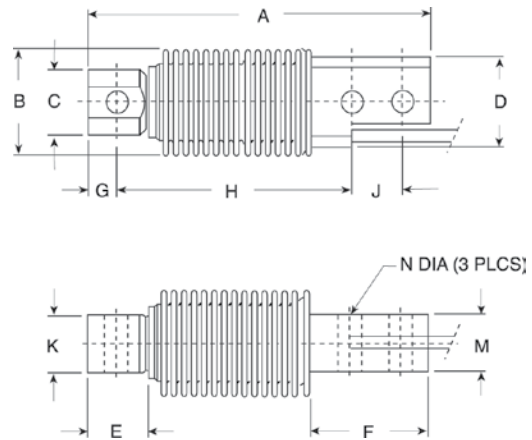
MANUFACTURER	MODEL	PAGE #
HBM®	BBS	241
VPG Sensortronics	65087	—
Fairbanks®	3-481XX-1	—
Fairbanks	3-48660-1	—
ARTECH	40310	—

RLHBB

Single-Ended Beam, Stainless Steel, NTEP 1:4000 Class III Single Cell 1:5000 Class III Mult/ Cell, OIML C3



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V	Safe Overload: 150% Full scale	Seal Type: Hermetically sealed, IP68	Cable Diameter: .220 polyurethane jacket
Output Resistance: 355 ohms, +/- 5	Rated Excitation: 10V DC (15V maximum)	Cable Color Code: Blue+ Excitation Black.....- Excitation White+ Signal Red- Signal Green+ Sense Gray- Sense	Warranty: Two-year limited warranty
Input Resistance: 380 ohms, +/- 10	Total Error: 0.02% Full scale	Cable Length: 3 m/10 ft	Approvals:
Material/Finish: Stainless steel	Insulation Resistance: 2000 megohms		
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Deflection at Capacity: 5-500 kg ≤ .4 mm/.015 in		

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	M	N
lb/inches												
11.0-1102.3	4.72	1.61	.91	1.26	.81	1.79	.39	3.23	.71	.79	.79	.32
kg/mm												
5-500	120.0	40.0	23.0	32.0	20.5	45.5	10.0	82.0	18.0	20.0	20.0	8.20

Order Information

LOAD RATING		PART #	PRICE
OIML			
5 kg	(11.0 lb)	32678	\$525.00
10 kg	(22.0 lb)	32677	525.00
20 kg	(44.1 lb)	31259	525.00
50 kg	(110.2 lb)	31260	525.00
100 kg	(220.5 lb)	31261	525.00
200 kg	(441.0 lb)	31262	525.00
250 kg	(551.2 lb)	31263	525.00
500 kg	(1102.5 lb)	36462	525.00
NTEP			
5 kg	(11.0 lb)	41113	525.00
10 kg	(22.0 lb)	41114	525.00
20 kg	(44.1 lb)	41115	525.00
50 kg	(110.2 lb)	41116	525.00
100 kg	(220.5 lb)	41117	525.00
200 kg	(441.0 lb)	41118	525.00
250 kg	(551.2 lb)	41119	525.00
500 kg	(1102.5 lb)	41120	525.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
HBM®	Z6*	243
VPG Revere Transducers	SHB	270
VPG Tedeá-Huntleigh	355	327
VPG Celtron	HBB**	200
Cardinal®	CB6	—

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	1700HE Series	34

*Non-NTEP

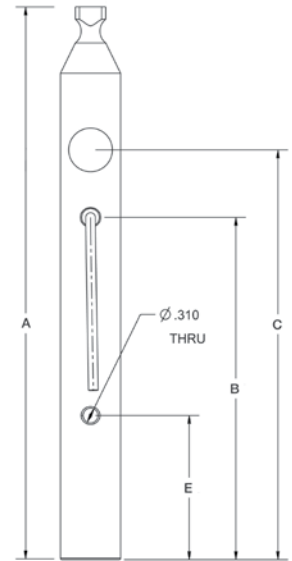
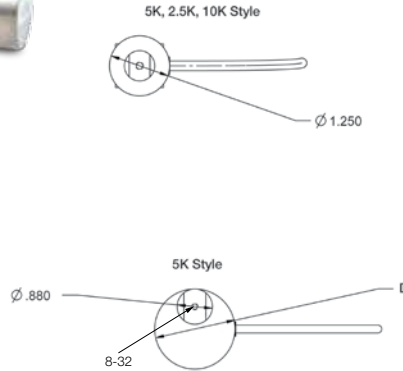
**Non-NTEP, not FM-approved

RL32011WB-L

Single-Ended Beam, NTEP 1:5000 Class III, Multiple Cell, Stainless Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V +/- 0.1%	Safe Overload: 150% full scale
Output Resistance: 350 ohms +/- 3	Safe Sideload: 100% full scale
Input Resistance: 385 ohms +/- 10 ohms	Rated Excitation: 10 VDC
Material/Finish: Stainless steel	Combined Error: 0.02% full scale
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Non-Repeatability: +/- 0.01% full scale

Insulation Resistance: 5000 megaohms
Cable Color Code:
Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal
Seal Type: Potted, IP67

Cable Length: 20 ft/6.1 m
Cable Diameter: .190 polyurethane jacket
Warranty: Two-year limited warranty
Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
1250 lb	11.0	7.1	8.5	1.25	3.0
2500 lb	11.0	8.5	8.4	1.62	3.0
5000 lb	10.9	5.5	7.4	2.0	3.0
10,000 lb	12.6	5.9	8.0	2.5	3.0
kg/mm					
567.0 kg	292.1	180.9	216.5	31.8	76.2
1134.0 kg	292.1	215.3	212.9	41.1	76.2
2268.0 kg	276.9	138.8	187.5	50.8	76.2
4535.9 kg	320.5	149.6	203.2	63.5	76.2

Order Information

LOAD RATING	PART #	PRICE	
1250 lb	566.99 kg	119788	\$595.00
2500 lb	1134.0 kg	119789	595.00
5000 lb	2268.0 kg	119790	895.00
10,000 lb	4535.9 kg	119791	995.00

Interchangeable Products

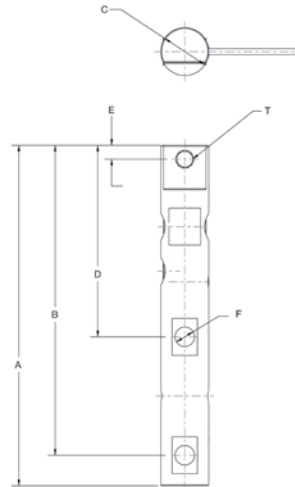
MANUFACTURER	MODEL
Avery Weigh Tronix	—
Rice Lake Weighing Systems	75000 SS

RL32011WB-T



Single-Ended Beam, NTEP 1:5000 Class III, Multiple Cell, Stainless Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V +/- 0.1% Output Resistance: 350 ohms +/- 3 Input Resistance: 385 ohms +/- 10 ohms Material/Finish: Stainless steel Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 150% full scale Safe Sideload: 100% full scale Rated Excitation: 10 VDC Combined Error: 0.02% full scale Non-Repeatability: +/- 0.01% full scale	Insulation Resistance: 5000 megaohms Cable Color Code: Green+ Excitation Black- Excitation White+ Signal Red- Signal Seal Type: Potted, IP67 Cable Length: 20 ft/6.1 m	Cable Diameter: .190 polyurethane jacket Warranty: Two-year limited warranty Approvals:  
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	T
lb/inches							
1250 lb	11.50	10.47	1.25	6.47	.470	0.53	1/2-13 UNC
2500 lb	11.50	10.47	1.62	6.47	.9470	0.66	5/8-11 UNC
kg/mm							
566.99 kg	292.1	265.9	31.75	164.3	24.6	13.46	—
1134.0 kg	292.1	265.9	41.14	164.3	24.6	16.76	—

Order Information

LOAD RATING		PART #	PRICE
1250	(566.99 kg)	119796	\$595.00
2500	(1134.0 kg)	119797	595.00

Interchangeable Products

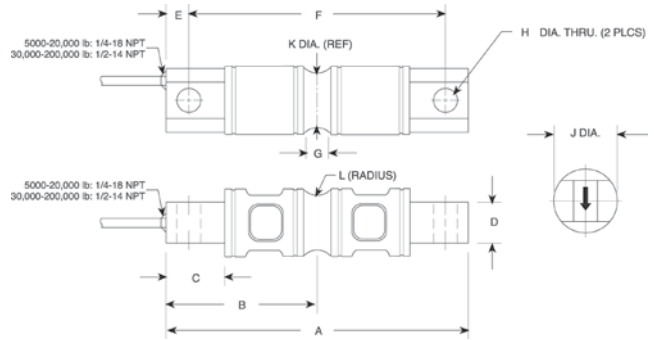
MANUFACTURER	MODEL
Avery Weigh Tronix	—

RL70000

Double-Ended Beam, Alloy Steel, NTEP 1:10,000 Class IIIL Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

700 ohms, +/- 5

Input Resistance:

770 ohms, +/- 10

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Combined Error:

0.02% Full scale

Insulation Resistance:

5000 megohms

Seal Type:

Environmentally sealed, IP67

Deflection at Capacity:

5000 lb=.02 in/.5 mm,
10,000 lb=.025 in/.6 mm,
20,000 lb=.042 in/1.1 mm,
30,000-50,000 lb=.02 in/.5 mm,
60,000 lb=.025 in/.6 mm,
100,000 lb=.02 in/.5 mm

Cable Length:

30 ft/9.1 m

Cable Diameter:

.200 5k-20k; .305 30k-250k

Cable Color Code:

Red+ Excitation
Black- Excitation
Green+ Signal
White- Signal

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L
lb/inches											
5000-10,000	8.12	4.06	1.44	1.12	.62	6.88	.62	.66	1.70	1.48	.50
20,000	8.12	4.06	1.44	1.12	.62	6.88	.84	.66	1.95	1.48	.50
30,000-60,000	10.25	5.12	1.88	2.37	.88	8.50	1.00	1.06	3.20	2.73	1.00
100,000	11.25	5.62	1.88	2.50	.88	9.50	1.00	1.06	3.50	3.24	1.00
150,000	11.25	5.62	1.88	2.80	.88	9.50	1.25	1.06	3.90	3.64	1.50
200,000-250,000	16.10	8.05	3.05	4.60	1.55	13.00	1.30	1.56	5.38	5.17	2.00
kg/mm											
2268.0-9071.9	206.3	103.1	36.6	28.5	15.8	174.8	15.8	16.8	55.9	37.6	12.7
9071.9	206.3	103.1	36.6	14.2	21.3	174.8	21.3	16.8	52.8	37.6	12.7
13,607.8-27,215.6	260.4	130.1	47.8	60.2	22.4	215.9	25.4	26.9	81.3	69.3	25.4
45,359.4	285.8	142.8	47.8	63.5	22.4	241.3	25.4	26.9	88.9	82.3	25.4
68,038.8	285.8	142.8	47.8	71.1	22.4	241.3	31.8	26.9	99.1	92.5	38.1
90,718.5-113,398	409.0	204.5	77.5	116.8	39.4	330.2	33.0	39.6	136.7	131.3	50.8

Order Information

LOAD RATING	PART #	PRICE
NTEP		
5000 lb (2268.0 kg)	36263	\$655.00
10,000 lb (4535.9 kg)	36264	655.00
20,000 lb (9071.9 kg)	36265	655.00
30,000 lb (13,607.8 kg)	36266	755.00
40,000 lb (18,143.7 kg)	36267	755.00
50,000 lb (22,679.6 kg)	36268	755.00
60,000 lb (27,215.5 kg)	36269	755.00
100,000 lb (45,359.2 kg)	36270	1,475.00
150,000 lb (68,038.8 kg)	36976	1,475.00
200,000 lb (90,718.5 kg)	36977	2,775.00
Non-NTEP		
250,000 lb (113,398.0 kg)	36978	2,775.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Revere Transducers	5103	272
Artech®	70210	—
Mettler Toledo	SLD 430	
Celtron	CSB	

Weigh Module Available

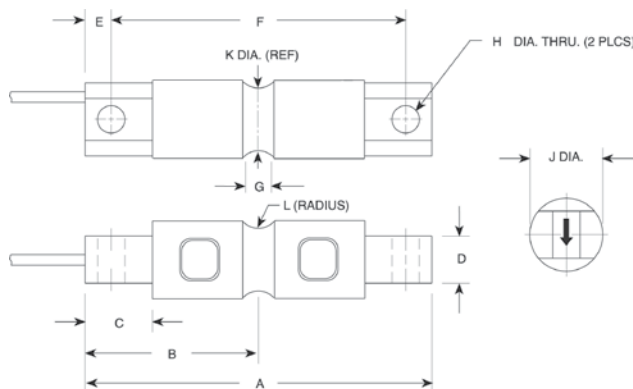
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	EZ Mount 1	82

RL70000 SS

Double-Ended Beam, Stainless Steel, NTEP 1:5000 Class III/1:10,000 III L Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0mV/V	Safe Overload: 150% Full scale	Deflection at Capacity: 5000 lb=.02 in/.5 mm, 10,000 lb=.025 in/.6 mm, 20,000 lb=.042 in/1.1 mm, 30,000-50,000 lb=.02 in/.5 mm, 60,000 lb=.025 in/.6 mm, 100,000-150,000 lb=.02 in/.5 mm	Cable Diameter: .295
Output Resistance: 700 ohms, +/- 9	Safe Sideload: 100% Full scale	Seal Type: Environmentally sealed, IP67	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal OrangeShield
Input Resistance: Ohms, 700 +/- 7	Rated Excitation: 10V AC/DC (15V max)	Seal Type: Environmentally sealed, IP67	Warranty: Two-year limited warranty
Material/Finish: Stainless steel	Non-repeatability: 0.02% Full scale	Cable Length: 18.6'/6 m (5K - 20K) 30'/10 m (30K - 150K)	Approvals: F M APPROVED CE WIP Except 5k & 150k
Temperature: Compensated range 0°F to 150°F/-18°C to 65°C	Insulation Resistance: 5000 megohms		

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L
lb/inches											
5000-10,000	8.12	4.06	1.44	1.12	.62	6.88	.62	.66	1.70	1.48	.50
20,000	8.12	4.06	1.44	1.12	.62	6.88	.84	.66	1.95	1.48	.50
30,000-60,000	10.25	5.12	1.88	2.37	.88	8.50	1.00	1.06	3.20	2.73	1.00
100,000	11.25	5.62	1.88	2.50	.88	9.50	1.00	1.06	3.50	3.24	1.50
150,000	11.25	5.62	1.88	2.80	.88	9.50	1.25	1.06	3.90	3.64	1.50
kg/mm											
2268.0-4535.9	206.3	103.1	36.6	28.5	15.8	174.8	15.8	16.8	43.2	37.6	12.7
9071.9	206.3	103.1	36.6	14.2	15.8	174.8	21.3	16.8	49.5	37.6	12.7
13,607.8-27,215.6	260.4	130.1	47.8	60.2	22.4	215.9	25.4	26.9	81.3	69.3	25.4
45,359.4	285.8	142.8	47.8	63.5	22.4	241.3	25.4	26.9	88.9	82.3	38.1
68,038.8	285.8	142.8	47.8	71.1	22.4	241.3	31.8	26.9	99.1	92.5	38.1

Order Information

LOAD RATING	PART #	PRICE
***5000 lb (2268.0 kg)	30431	\$700.00
10,000 lb (4535.9 kg)	30432	750.00
20,000 lb (9071.9 kg)	30433	750.00
30,000 lb (13,607.8 kg)	30434	825.00
40,000 lb (18,143.7 kg)	30435	825.00
50,000 lb (22,679.6 kg)	30436	925.00
60,000 lb (27,215.5 kg)	30437	925.00
100,000 lb (45,359.2 kg)	30444	1,825.00
***150,000 lb (68,038.9 kg)	30445	1,895.00
Conduit Adapter Kit*(must be factory installed to maintain warranty)		
3/8-24 to 1/4-18 NPT	31534*	30.00
5/8-18 UNF / 1/2-14 NPT	31535**	30.00

***Non-NTEP

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL71000HE	149
VPG Revere Transducers	9103	273
Mettler Toledo	SLD-530	

* On capacities of 5000 to 20,000 lb, order part #31534

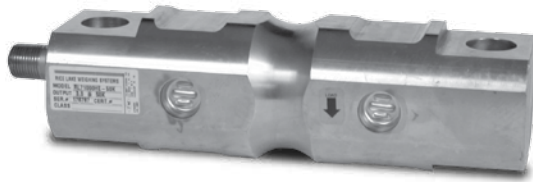
** On capacities of 30,000 to 150,000 lb, order part #31535

Weigh Module Available

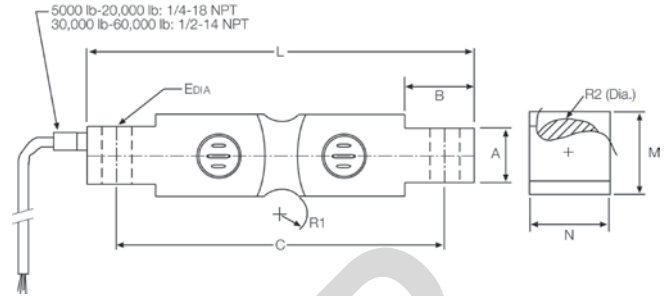
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	EZ Mount 1	82

RL71000 HE

Double-Ended Beam, Stainless Steel, Hermetically Sealed, IP66/68



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Bridge Resistance:
700 ohms, nominal with voltage applied*

Material/Finish:
Stainless steel

Temperature:
Operating range
0°F to 150°F/-18°C to 65°C

Safe Overload:
200% Full scale

Side Load:
100% Full scale

Rated Excitation:
6-15V DC

Nonlinearity:
0.03% Full scale

Hysteresis:
0.05% Full scale

Insulation Resistance:
5000 megohms

Cable Color Code:
Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal
Orange.....Shield

Seal Type:
Hermetically sealed, IP66/68

Cable Length:
25 ft/7.6 m

Warranty:
Two-year limited warranty

Approvals:

Dimensions

RATED CAPACITY	A	B	C	E	R1	R2 (DIA.)	L	M	N
lb/inches									
30,000-60,000	2.38	1.88	8.50	1.06	1.00	2.73	10.25	3.03	3.03
kg/mm									
13,608-27,216	60.4	47.7	215.9	26.9	25.4	69.3	260.3	76.96	76.96

Order Information

LOAD RATING	PART #	PRICE
30,000 lb (13,608.0 kg)	42134	\$1,695.00
50,000 lb (22,679.6 kg)	42136	1,695.00
60,000 lb (27,216.0 kg)	42137	1,695.00

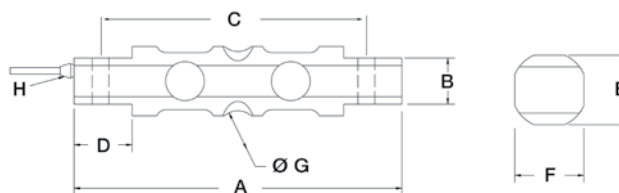
*Consult factory for IS applications

RL72010MH

Double-Ended Beam, Stainless Steel, Hermetically Sealed, IP68



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V, nominal	Safe Overload: 150% Full scale	Insulation Resistance: 5000 mega ohms	Seal Type: Hermetically sealed, IP68
Bridge Resistance: 700 ohms, nominal	Sideload: 100% Full scale	Cable Diameter: .190 Polyurethane jacket	Cable Length: 25 ft/7.6 m
Material/Finish: Stainless steel	Non Linearity: 0.03% Full scale	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal OrangeShield	Warranty: Two-year limited warranty
Temperature: Compensated range 0°F to 150°F/-18°C to 65°C	Hysteresis: 0.05% Full scale	Approvals: 	
	Rated Excitation: 5-15 VDC		

Dimensions

RATED CAPACITY	A	B	C	D	E	F	ØG	H
lb/inches								
5000-20,000	8.12	1.14	6.88	1.44	1.71	1.71	1.00	1/4-18 NPT
30,000-60,000	10.25	2.38	8.50	1.88	3.03	3.03	2.00	1/2-14 NPT
kg/mm								
2268-9072	206.2	28.9	174.7	36.5	43.43	43.43	25.4	1/4-18 NPT
13,608-27,216	260.3	60.4	215.9	47.7	76.96	76.96	50.8	1/2-14 NPT

Order Information

LOAD RATING		PART #	PRICE
5000 lb	(2268.0 kg)	118462	\$1,095.00
10,000 lb	(4535.9 kg)	118463	1,095.00
20,000 lb	(9071.9 kg)	118464	1,095.00
30,000 lb	(13,607.8 kg)	118465	1,495.00
40,000 lb	(18,143.7 kg)	118466	1,495.00
50,000 lb	(22,679.6 kg)	118467	1,495.00
60,000 lb	(27,215.5 kg)	118468	1,495.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL71000HE	149
Rice Lake Weighing Systems	RL70000SS	148
VPG Revere Transducers	9103	273

Weigh Module Available

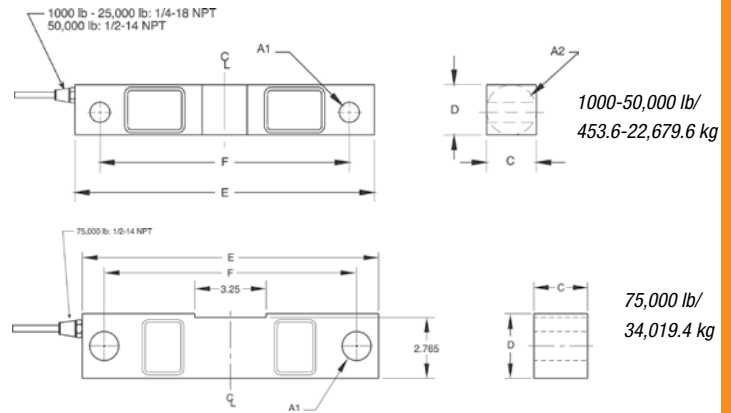
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	EZ Mount 1	82

RL75016

Double-Ended Beam, Alloy Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
700 ohms, +/- 5

Input Resistance:
770 ohms, +/- 10

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Operating range
0°F to 150°F/-18°C to 65°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Deflection at Capacity:
1000-3000 lb=.01 in/.3 mm,
5000 lb=.015 in/.4 mm
10,000-20,000 lb=.022 in/.6 mm,
25,000 lb=.036 in/.9 mm
50,000 lb=.052 in/1.3 mm,
75,000 lb=.07 in/1.8 mm

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Environmentally sealed, IP67

Cable Length:
25 ft/7.6 m

Cable Diameter:
.200 polyurethane jacket 1K-25K
.305 polyurethane jacket 50K-75K

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	C	D	E	F
lb/inches						
1000-5000	.50	1.25	1.25	1.25	7.50	6.25
10,000-25,000	.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50
kg/mm						
453.6-2268.0	12.7	31.8	31.8	31.8	190.5	158.8
4535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1
34,019.4	33.3	—	62.0	74.7	342.9	292.1

Order Information

LOAD RATING		PART #	PRICE
1000 lb	(453.6 kg)	17300	\$525.00
1500 lb	(680.4 kg)	17302	525.00
2000 lb	(907.2 kg)	17304	525.00
2500 lb	(1134.0 kg)	17306	525.00
3000 lb	(1360.8 kg)	17308	525.00
5000 lb	(2268.0 kg)	17309	525.00
10,000 lb	(4535.9 kg)	17311	600.00
15,000 lb	(6803.9 kg)	17313	600.00
20,000 lb	(9071.9 kg)	17315	600.00
25,000 lb	(11,339.8 kg)	17317	600.00
50,000 lb	(22,679.6 kg)	17319	925.00
*75,000 lb	(34,019.4 kg)	25357	925.00

*75,000 lb capacity has a square center

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Celtron	DSR	202
VPG Sensortronics	65016	308
VPG Revere Transducers	5203	—

Weigh Module Available

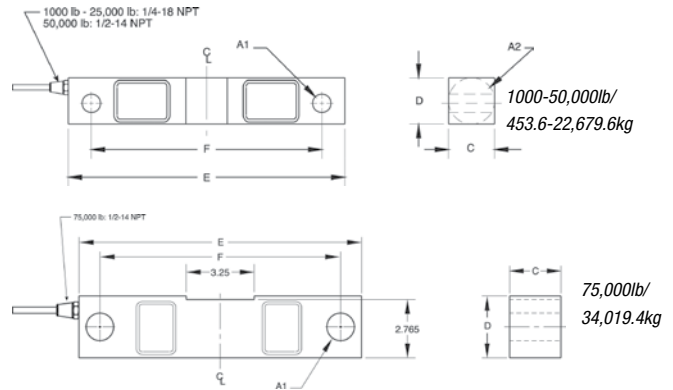
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	90

RL75016 SS

Double-Ended Beam, Stainless Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V Output Resistance: 700 ohms, +/- 5 Input Resistance: 770 ohms, +/- 10 Material/Finish: Stainless steel Temperature: Operating range 0°F to 150°F/-18°C to 65°C	Safe Overload: 150% Full scale Safe Sideload: 100% Full scale Rated Excitation: 10V DC (15V maximum) Nonlinearity: 0.07% Full scale Hysteresis: 0.02% Full scale	Deflection at Capacity: 1000-3000 lb=.01 in/.3 mm, 5000 lb=.015 in/.4 mm 10,000-20,000 lb=.022 in/.6 mm, 25,000 lb=.036 in/.9 mm 50,000 lb=.052 in/1.3 mm, 75,000 lb=.07 in/1.8 mm Insulation Resistance: 5000 megohms Seal Type: Environmentally sealed, IP67 Cable Length: 25 ft/7.6 m	Cable Diameter: .200 polyurethane jacket 1 k-25 k .305 polyurethane jacket 50 k-75 k Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal Warranty: Two-year limited warranty Approvals:
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Dimensions

RATED CAPACITY	A1	A2	C	D	E	F
lb/inches						
1000-5000	.50	1.25	1.25	1.25	7.50	6.25
10,000-25,000	.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50
kg/mm						
453.6-2268.0	12.7	31.8	31.8	31.8	190.5	158.8
4535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1
34,019.4	33.3	—	62.0	74.7	342.9	292.1

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	17301	\$550.00
1500 lb (680.4 kg)	17303	550.00
2000 lb (907.2 kg)	17305	550.00
2500 lb (1134.0 kg)	17307	550.00
5000 lb (2268.0 kg)	17310	550.00
10,000 lb (4535.9 kg)	17312	625.00
15,000 lb (6803.9 kg)	17314	625.00
20,000 lb (9071.9 kg)	17316	625.00
25,000 lb (11,334.8 kg)	17318	625.00
50,000 lb (22,679.6 kg)	17320	1,225.00
*75,000 lb (34,019.4 kg)	25356	1,225.00

*75,000 lb capacity has a square center

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75016 WHE*	153
VPG Scentroid	65016W	309
VPG Scentroid	65016WH*	310
VPG Revere Transducers	9203	—
VPG Celtron	DSR-HSS	203

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	90 and 92

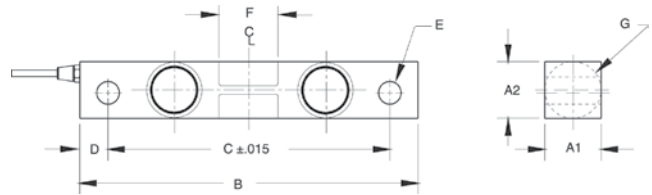
*Hermetically sealed

RL75016 WHE

Double-Ended Beam, Stainless Steel, Hermetically Sealed, IP66/68



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V

Output Resistance:
699-707 ohms

Input Resistance:
686-714 ohms

Material/Finish:
Stainless steel

Temperature:
Operating range
0°F to 150°F/-18°C to 65°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Total Error:
0.03% Full scale

Insulation Resistance:
>2000 megohms

Seal Type:
Hermetically sealed, IP66/68

Cable Length:
25 ft/7.6 m

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:
Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:
Two-year limited warranty



Dimensions

RATED CAPACITY	A1	A2	B	C	D	E	F	G	CONDUIT ADAPTER
lb/inches									
1000-5000	1.22	1.22	7.50	6.25	.62	.50	1.12	1.25	1/2-14 NPT
10,000-25,000	1.44	1.94	8.75	7.50	.62	.81	1.62	1.99	1/2-14 NPT
kg/mm									
453.6-2268.0	31.0	31.0	190.5	158.8	15.7	12.7	28.4	31.8	—
4535.9-11,339.8	36.6	49.3	222.3	190.5	15.7	20.6	41.1	50.5	—

Order Information

LOAD RATING		PART #	PRICE
1000 lb	(453.6 kg)	67043	\$695.00
1500 lb	(680.4 kg)	67044	695.00
2000 lb	(907.2 kg)	67045	695.00
2500 lb	(1124.0 kg)	67046	695.00
5000 lb	(2268.0 kg)	67047	695.00
10,000 lb	(4535.9 kg)	67048	785.00
15,000 lb	(6803.9 kg)	67049	785.00
20,000 lb	(9071.8 kg)	67050	785.00
25,000 lb	(11,339.8 kg)	67051	785.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75016 SS*	152
VPG Sensortronics	65016W	309
VPG Sensortronics	65016WH	310

*Environmentally sealed, IP67

Weigh Module Available

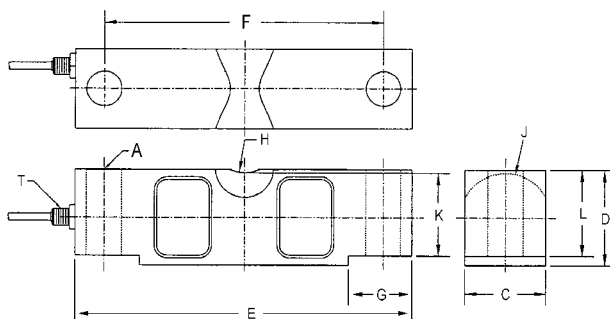
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	90 and 92

RL75058

Double-Ended Beam, Alloy Steel, NTEP 1:10,000 Class IIIL Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Safe Overload: 150% Full scale	Insulation Resistance: 5000 megohms	Cable Coloring: Red+ Excitation Black.....- Excitation Green.....+ Signal White.....- Signal
Output Resistance: 700 ohms, +/- 5	Safe Sideload: 100% Full scale	Seal Type: Environmentally sealed, IP67	Warranty: Two-year limited warranty
Input Resistance: 770 ohms, +/- 10	Rated Excitation: 10V DC (15V maximum)	Cable Length: 35 ft/10.6 m	Approvals:
Material/Finish: High-alloy steel, nickel plated	Nonlinearity: 0.03% Full scale	Cable Diameter: .200 polyurethane jacket 10k-25k .305 polyurethane jacket 40k-125k	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Hysteresis: 0.02% Full scale		

Dimensions

RATED CAPACITY	A	C	D	E	F	G	H	J	K	L	T
lb/inches											
10,000-25,000	.68	1.69	1.94	7.75	6.50	1.38	.75	.90	1.63	1.70	1/4-18 NPT
40,000	.81	1.94	2.44	10.25	8.50	1.93	1.00	1.12	2.00	2.10	1/4-18 NPT
50,000-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
100,000-125,000	1.62	2.90	3.86	15.25	12.75	3.13	1.50	1.80	3.30	3.43	1/2-14 NPT
kg/mm											
4536.1-11,339.8	17.3	42.9	49.3	196.9	165.1	35.1	19.1	22.9	41.4	43.2	1/4-18 NPT
18,143.7	20.6	49.3	62.0	260.4	215.9	49.0	25.4	28.5	50.8	53.3	1/4-18 NPT
22,679.6-34,019.4	26.9	62.0	74.7	260.4	215.9	49.0	25.4	34.8	64.5	67.3	1/2-14 NPT
45,359.4-56,699.1	41.2	737	980	387.4	323.9	79.5	38.1	45.7	83.8	87.1	1/2-14 NPT

Order Information

LOAD RATING	PART #	PRICE
NTEP 1:10,000		
20,000 lb (9071.9 kg)	34314	\$635.00
25,000 lb (11,339.8 kg)	34315	635.00
40,000 lb (18,143.7 kg)	34316	760.00
50,000 lb (22,679.6 kg)	34317	835.00
60,000 lb (27,215.5 kg)	34318	835.00
75,000 lb (34,019.4 kg)	34319	835.00
100,000 lb (45,359.4 kg)	34320	1,575.00
125,000 lb (56,699.1 kg)	34321	1,575.00
Non-NTEP		
10,000 lb (4536.0 kg)	41890	615.00
60' Cables		
50,000 lb (22,679.6 kg)	53417	895.00
75,000 lb (34,019.4 kg)	39516	895.00
*75,000 lb (34,019.4 kg)	73839	995.00
125,000 lb (45,359.4 kg)	96944	1,625.00
100' Cable		
75,000 lb (34,019.4 kg)	74725	995.00

*Stainless steel overbraided cable

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics	65058	311
VPG Celtron	CLB	206

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	2100HE	40
Rice Lake Weighing Systems	MVS	92
Rice Lake Weighing Systems	TSA	94

Replacement Load Cells for RL75058 Class III Rice Lake Coil Scale

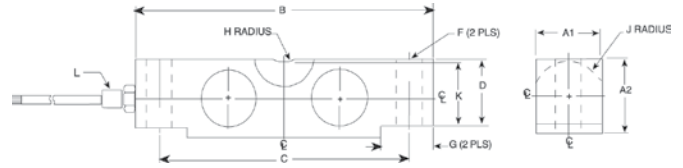
LOAD RATING	PART #	PRICE
20,000	121439	\$635.00
25,000	121440	635.00
40,000	121441	760.00
50,000	121442	835.00
60,000	121443	835.00
75,000	121444	835.00

RL75060S

Double-Ended Beam, Stainless Steel, Welded-seal, IP67, NTEP 1:5000 III/1:10,000 Class III/L Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V

Output Resistance:
699-707 ohms

Input Resistance:
686-714 ohms

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
1000 megohms

Seal Type:
Welded-seal, IP67

Cable Length:
35 ft/10.6 m

Cable Diameter:
.200 polyurethane jacket 20 k-25 k
.305 polyurethane jacket 35 k-100 k

Cable Coloring:

- Red+ Excitation
- Black.....- Excitation
- Green+ Signal
- White- Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	F	A1	A2	B	C	G	H	J	K	D	L
lb/inches											
20,000-25,000	.68	1.69	1.94	7.75	6.50	1.38	.75	.90	1.63	1.70	1/4-18 NPT
35,000-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
100,000	1.06	2.44	3.44	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
kg/mm											
9071.9	17.3	42.9	49.3	196.9	165.1	35.1	19.1	22.9	41.4	43.2	1/4-18 NPT
15,875.7-34,019.4	26.9	62.0	74.7	260.4	215.9	49.0	25.4	34.8	64.5	67.3	1/2-14 NPT
45,359.4	26.9	62.0	87.4	260.4	215.9	49.0	25.4	34.8	64.5	67.3	1/2-14 NPT

Order Information

LOAD RATING	PART #	PRICE
20,000 lb (9071.9 kg)	53481	\$875.00
25,000 lb (11,339.8 kg)	50559	875.00
35,000 lb (15,875.7 kg)	50560	1,095.00
50,000 lb (22,679.6 kg)	50561	1,095.00
60,000 lb (27,215.5 kg)	50562	1,095.00
75,000 lb (34,019.4 kg)	50563	1,095.00
100,000 lb (45,359.4 kg)	50564	2,295.00
60 ft Cable		
25,000 lb (11,339.8 kg)	157931	925.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics	65058S	312

Weigh Module Available

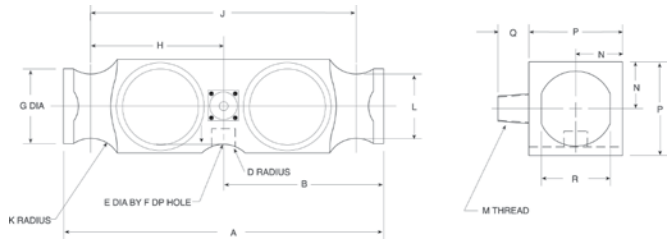
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	2100HE	40
Rice Lake Weighing Systems	MVS	94
Rice Lake Weighing Systems	TSA	96

RL75223

Double-Ended Beam, Alloy Steel, Welded-seal, IP67, NTEP 1:10,000 Class IIIIL Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Safe Overload: 150% Full scale	Insulation Resistance: 5000 megohms	Cable Diameter: .305 polyurethane jacket
Output Resistance: 699-707 ohms	Safe Sideload: 100% Full scale	Deflection at Capacity: 50,000 lb=.018 in/.5 mm, 65,000 lb=.022 in/.6 mm, 100,000 lb=.034 in/.9 mm	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal WhiteSignal
Input Resistance: 686-714 ohms	Rated Excitation: 10V DC (15V maximum)	Seal Type: Welded-seal strain gauge*, IP67	Warranty: Two-year limited warranty
Material/Finish: High-alloy steel	Non-repeatability: 0.01% Full scale	Cable Length: 40 ft/12.2 m	Approvals:
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Combined Error: 0.03% Full scale		

Dimensions

RATED CAPACITY	A	B	D	E	F	G	H	J	K	L	M	N	P	Q	R
lb/inches															
50,000-65,000	10.25	5.12	1.00	.75	.78	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
100,000	10.25	5.12	1.00	—	—	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
kg/mm															
22,679.6-29,483.5	260.4	130.1	25.4	19.1	19.8	61.0	108.0	215.9	25.4	5.2	1/2-14 NPT	38.1	76.2	26.2	55.9
45,359.2	260.4	130.1	25.4	—	—	61.0	108.0	215.9	25.4	5.2	1/2-14 NPT	38.1	76.2	26.2	55.9

Order Information

LOAD RATING	PART #	PRICE
**50,000 lb (22,679.6 kg)	107583	\$925.00
50,000 lb (22,679.6 kg)	21611	850.00
65,000 lb (29,483.5 kg)	21612	850.00
100,000 lb (45,359.2 kg)	21613	1,200.00

*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry

**60' of cable

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Revere Transducers	5223	274
Artech®	80210	—
Thurman®	TSC 800	—
Vishay Sensortronics	65040A-XX-1127W	—
Unibrige	DL9000	—

Weigh Module Available

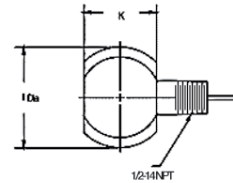
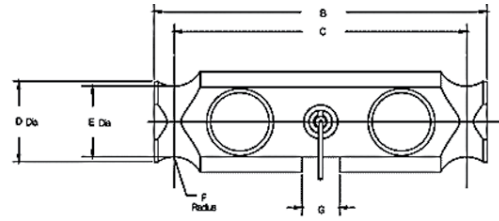
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	Translink	98

RLDB50000S

Double-Ended Beam, Stainless Steel, NTEP 1:10000 IIL Multiple Cell, Welded-seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
2±0.1% mV/V

Output Resistance:
686-714 ohms

Input Resistance:
699-707 ohms

Material/Finish:
Stainless steel

Temperature:
Compensated Range
14°F-104°F/-10°C-40°C

Safe Overload:
150% Full Scale

Safe Silead:
100% Full Scale

Rated Excitation:
10V DC (15V DC maximum)

Non-repeatability:
0.01% Full Scale

Combined Error:
0.03% Full Scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:
0.01 in/0.38 mm

Seal Type:
Environmentally sealed, NEMA 6P/
IP67

Cable Length:
35 ft/10.6 m

Cable Diameter:
.305 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
White- Signal
Green+ Signal

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	B	C	D	E	F	G	K	I
lb/inches								
50,000 lb	8.25	7.25	2.0	1.76	0.75	0.93	1.8	2.5
kg/mm								
22,679.6	209.55	184.15	50.8	44.7	19	23.6	45.72	63.50

Order Information

LOAD RATING	PART #	PRICE
50,000 lb (22,679.6 kg)	91765	\$1,195.00

Interchangeable Products

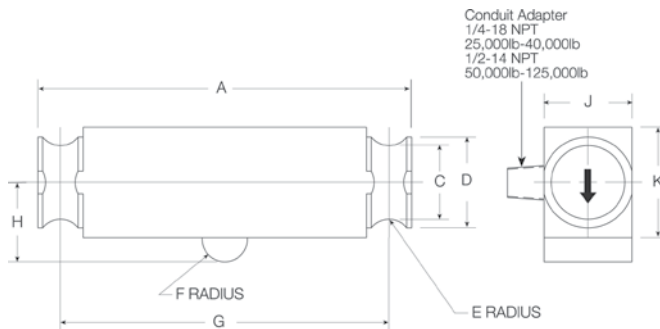
MANUFACTURER	MODEL
Cardinal®	DB50000S

RL75040

Double-Ended Beam, Alloy Steel, NTEP 1:10,000 Class IIIIL Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 ohms, +/- 5

Input Resistance:

770 ohms, +/- 10

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Nonlinearity:

0.03% Full scale

Hysteresis:

0.02% Full scale

Insulation Resistance:

1000 megohms

Seal Type:

Environmentally sealed, IP67

Cable Length:

35 ft/10.6 m, 40 ft/12.2 m or
50 ft/15.2 m

Cable Diameter:

.200 polyurethane jacket 25 k
.305 polyurethane jacket 40 k-75 k

Cable Coloring:

Red + Excitation
Black - Excitation
Green + Signal
White - Signal

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	C	D	E	F	G	H	J	K
lb/inches									
25,000-40,000 50K SE & 60,000 SE	8.25	1.63	2.00	.50	.50	7.25	1.75	1.94	2.44
50,000-75,000	11.50	1.70	2.20	.75	1.00	10.00	2.00	1.94	2.94
100,000-125,000	14.50	2.44	3.20	1.00	1.50	12.50	2.75	2.90	3.86
kg/mm									
11,339.8-18,143.7 & 27,215.5 SE	209.6	41.4	50.8	12.7	12.7	184.2	44.5	49.3	62.0
22,679.6-34,019.4	292.1	43.2	55.9	19.1	25.4	254.0	50.8	49.3	74.7
45,359.2-56,699.1	368.3	62.0	81.3	25.4	38.1	317.5	69.9	73.7	98.0

Order Information

LOAD RATING	PART #	PRICE
35' Cable		
25,000 lb (11,339.8 kg)	21614	\$635.00
40,000 lb (18,143.7 kg)	21615	760.00
50,000 lb (22,679.6 kg)	21616	835.00
60,000 lb (27,215.5 kg)	21617	835.00
75,000 lb (34,019.4 kg)	21618	835.00
100,000 lb (45,359.2 kg)	21619	1,575.00
125,000 lb (56,699.1 kg)	21620	1,575.00
40' Cable Small Envelope		
50,000 lb SE (22,679.6 kg)	87253	760.00
60,000 lb SE (27,215.5 kg)	53593	760.00
50' Cable		
50,000 lb (22,679.6 kg)	21621	865.00
60,000 lb (27,215.5 kg)	21622	865.00
75,000 lb (34,020 kg)	40951	865.00

SE refers to small envelope

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics	65040A	314
Artech®	80310	—
Thurman®	TSC 840	—
VPG Celtron	DLB	205

Weigh Module Available

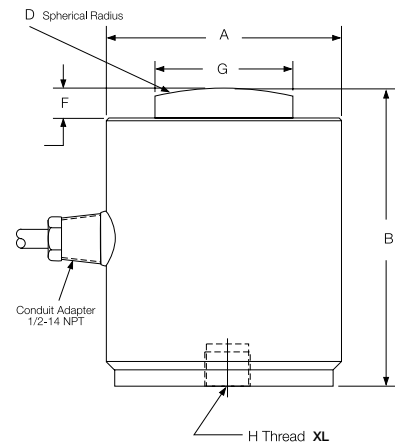
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	Translink	98

RLCSP1


Compression Canister, Stainless Steel Welded-seal, IP67, NTEP 1:10,000 Class III L Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 475.2-484.8 ohms Input Resistance: 445.5-454.5 Material/Finish: Stainless steel Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 150% Full scale Rated Excitation: 10V DC (15V maximum) Combined Error: 0.03% Full scale Non-repeatability: 0.01% Full scale Insulation Resistance: 1000 megohms	Deflection at Capacity: 25,000-50,000 lb=.003 in/.076 mm 100,000-200,000 lb=.006 in/.152 mm Seal Type: Welded-seal, IP67 Cable Length: 35 ft/10.7 m Cable Diameter: .305 polyurethane jacket	Cable Color Code: Green+ Excitation Black.....- Excitation White+ Signal Red- Signal Orange..... Shield Warranty: Two-year limited warranty Approvals: 
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Dimensions

RATED CAPACITY	A	B	D	F	G	H	L-DEPTH
lb/inches							
25,000	3.00	3.25	6.00	.40	1.25	1/2-20 UNF-2B	.31
100,000	4.00	5.00	6.00	.51	2.31	3/4-16 UNF-2B	.56
200,000	6.00	7.25	17.00	1.04	3.13	3/4-16 UNF-2B	.75
kg/mm							
11,339.8-22,679.6	76.2	82.6	152.4	10.2	31.8	1/2-20 UNF-2B	7.9
45,359.2	101.6	127.0	152.4	13.0	58.7	3/4-16 UNF-2B	14.2
90,718.5	152.4	184.2	431.8	26.4	79.5	3/4-16 UNF-2B	19.1

Order Information

LOAD RATING		PART #	PRICE
25,000 lb	(11,339.8 kg)	32702	\$1,795.00
50,000 lb	(22,679.6 kg)	32701	1,795.00
100,000 lb	(45,359.2 kg)	32700	2,100.00
200,000 lb	(90,718.5 kg)	32699	2,995.00

Interchangeable Products

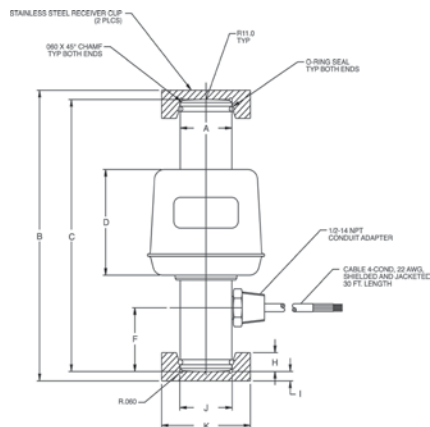
MANUFACTURER	MODEL	PAGE #
VPG Sensortronics	65088-1000	—
VPG Revere Transducers	CSP	282
VPG Revere Transducers	692B	—
Howe Richardson®	244699-000X	—
Streeter Amet	3760XXX	—
Weigh Module Available		
Rice Lake Weighing Systems	MagnaMount®	102

RLSCA-50K

Rocker Column, Stainless Steel Welded-seal, IP67, NTEP 1:10,000 Class IIIIL Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output:
2 mv/V nominal

Output Resistance:
1050 ohms +/- 10

Input Resistance:
1100

Material/Finish:
Stainless Steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
.025% Full scale

Non-repeatability:
.01% Full scale

Insulation Resistance:
1000 megohms

Seal Type:
Welded-seal, IP67

Cable Length:
30 ft/9 m

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:

- Green+ Excitation
- Black.....- Excitation
- White- Signal
- Red+ Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	F	H	I	J	K
lb/inches									
50,000	1.46	7.75	7.25	2.82	1.70	.50	.25	1.48	2.50
kg/mm									
22,679.6	37.0	196.8	184.1	71.6	43.1	12.7	6.35	37.5	63.5

Order Information

LOAD RATING	PART #	PRICE
*50,000 lb (22,679.6 kg)	68918	\$995.00
Replacement load cup set upper and lower included	85433	95.00
Replacement O-rings	92988	1.00/each

*Load cell supplied with load cups

Interchangeable Products

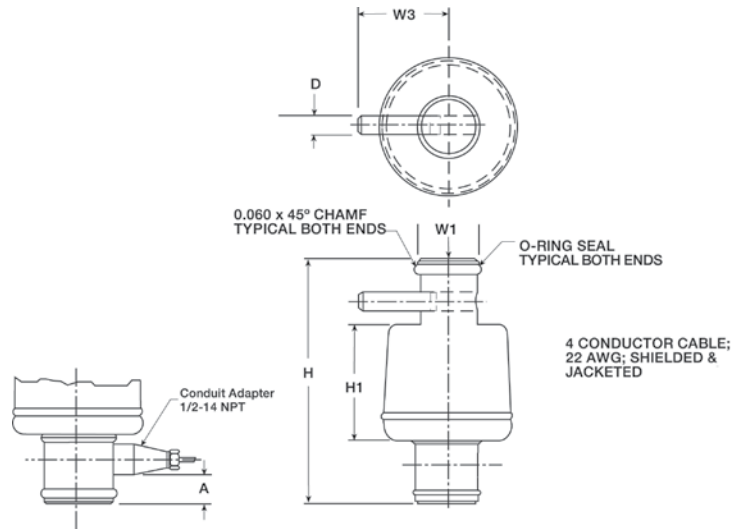
MANUFACTURER	MODEL
Cardinal®	SCA-50K

RL75114-50K

Rocker Column, Stainless Steel Welded Seal, IP67, NTEP 1:10,000 Class III L



Picture is a representation of actual product



Specifications

Full Scale Output:
1.8 mV/v nominal

Output Resistance:
1000 ohms +/- 10

Input Resistance:
1000 ohms

Material/Finish:
Stainless steel

Temperature:
Compensated Range
14°F-104°F/-10°C-40°C

Safe Overload:
150%

Rated Excitation:
10V DC

Combined Error:
0.025% full scale

Non-repeatability:
.01% full scale

Insulation Resistance:
1000 megohms

Seal Type:
Welded Seal IP67

Cable Length:
30 ft/9 m

Cable Diameter:
.200 overbraid cable

Cable Color Code:

- Green+ Excitation
- Black.....- Excitation
- White+ Signal
- Red- Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	D	H	H1	W1	W3
lb/inches						
50,000 LE	.87	.38	7.56	2.82	1.46	2.18
kg/mm						
22,680.0	15.6	9.7	192.0	71.6	37.08	63.5

Order Information

LOAD RATING	PART #	PRICE
50,000 lb (22,679.6 kg)	88074	\$1,195.00
Replacement o-ring	92988	1.00
Spring pin	116181	5.00

Not interchangeable with Sensortronics 65114 - different mV/v

Interchangeable Products

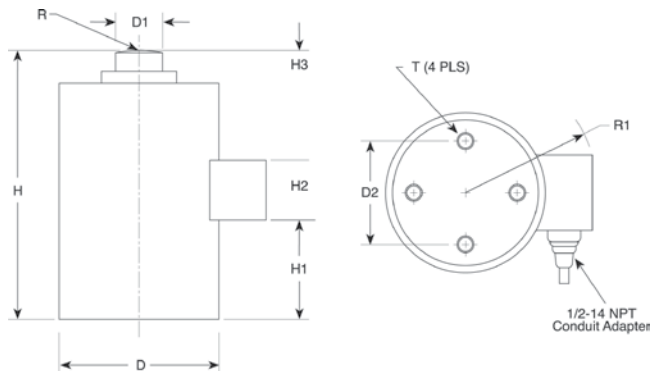
MANUFACTURER	PART #	MODEL
Fairbanks	64166	LCFHR4020-2

RL8C2P1SS

Compression Canister, Stainless Steel Hermetically sealed, IP68, NTEP 1:10,000 Class IIIIL Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0mV/V

Output Resistance:
350 ohms, +/- 3.5

Output Resistance:
+/- 3.5

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Non-repeatability:
0.01% Full scale

Combined Error:
0.03% Full scale

Insulation Resistance:
>1000 megohms

Deflection at Capacity:
50,000 lb=.004 in/102 mm,
100,000 lb=.006 in/.152 mm,
200,000 lb=.009 in/.228 mm

Seal Type:
Hermetically sealed, IP68

Cable Length:
35 ft/10.7 m

Cable Color Code:
Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal
Orange..... Shield

Warranty:
Two-year limited warranty



Dimensions

RATED CAPACITY	D	D1	D2	H	H1	H2	H3	R	R1	T
lb/inches										
50,000	4.50	1.25	2.38	7.50	1.17	.75	.75	8.00	3.75	3/8-24 UNF-2B x .63 D
100,000	5.75	1.75	4.00	9.13	2.00	.87	1.05	12.00	4.05	1/2-20 UNF-2B x .75 D
200,000	7.50	2.50	5.50	11.63	2.93	.97	.97	12.00	5.11	5/8-18 UNF-2B x 25.4 D
kg/mm										
22,679.6	114.3	31.8	53.4	190.5	77.7	19.1	19.1	203.2	95.3	3/8-24 UNF-2B x .63 D
45,359.2	146.1	44.5	101.6	231.9	66.0	22.1	26.6	304.8	102.9	1/2-20 UNF-2B x .75 D
90,718.5	190.5	63.5	139.7	295.4	100.0	24.6	24.6	304.8	129.8	5/8-18 UNF-2B x 25.4 D

Order Information

LOAD RATING		PART #	PRICE
50,000 lb	(22,679.6 kg)	34855	\$2,195.00
100,000 lb	(45,359.2 kg)	34856	2,195.00
200,000 lb	(90,718.5 kg)	34857	3,395.00

Interchangeable Products

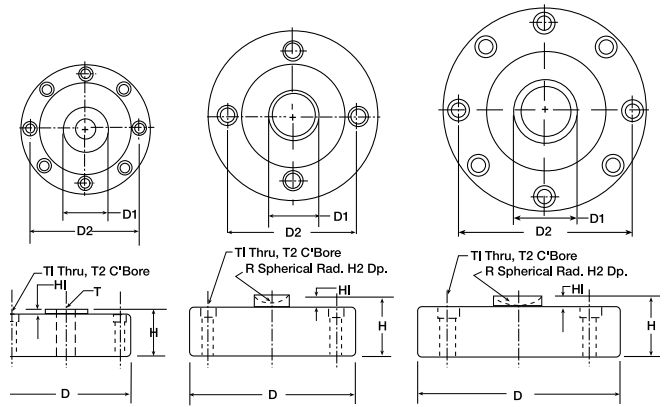
MANUFACTURER	MODEL	PAGE #
VPG Revere Transducers	792	283

RL90000

Compression* Disk, Alloy Steel, IP67



Picture is a representation of actual product
Load cup sold separately on 5,000 and 10,000 lb models.



Specifications

Full Scale Output:
4.0 mV/V

Output Resistance:
350 ohms +/- 3 (5K - 50K)
700 ohms +/- 5 (100K)

Input Resistance:
385 ohms +/- 5 (5K - 50K)
770 ohms +/- 70 (100K)

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
15V DC (15V maximum)

Nonlinearity:
0.05% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
2000 megohms

Seal Type:
Environmentally sealed

Cable Length:
50 ft/15.2 m

Cable Diameter:
.200 polyurethane jacket 5 k-25 k
.305 polyurethane jacket 50 k-100 k

Cable Color Code:

Red+ Excitation
Black- Excitation
Green+ Signal
White- Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	T	R	D	D1	D2	H	H1	H2	T1	T2
lb/inches										
5000*-10,000*	5/8-18 UNF-3B	—	4.12	1.26	3.50	1.37	.12	—	.28	.406 x .283 DP
25,000-50,000	—	.875	4.75	1.53	4.00	2.12	.50	.30	.34	.508 x .38 DP
100,000	—	.875	5.50	1.98	4.60	2.25	.25	.30	.41	.626 x .4 DP
kg/mm										
2268.0*-4539.9*	5/8-18 UNF-3B	—	104.6	32.0	88.9	34.8	3.05	7.6	7.2	10.3 x 7.2 DP
11,339.8-22,679.7	—	22.2	120.7	38.9	101.6	53.8	12.7	7.6	8.7	12.9 x 9.7 DP
45,359.4	—	22.2	139.7	50.4	116.8	57.2	6.4	7.6	10.3	10.3 x 10.2 DP

Order Information

LOAD RATING	PART #	PRICE
*5000 lb (2268.0 kg)	33061	\$650.00
*10,000 lb (4535.9 kg)	33062	650.00
25,000 lb (11,339.8 kg)	33063	795.00
50,000 lb (22,679.7 kg)	33064	795.00
100,000 lb (45,359.4 kg)	33065	935.00
*Load Cup	33616	35.00

*5000 lb and 10,000 lb models can be used in compression and tension load applications.
Load cup, part # 33616, is required for compression applications on 5000 lb and 10,000 lb capacity load cells.

Interchangeable Products

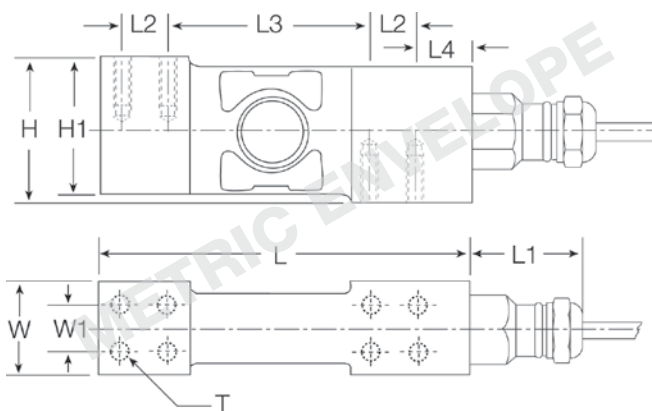
MANUFACTURER	MODEL	PAGE #
VPG Celtron	LCD	210

RLPC6

Single Point, Stainless Steel NTEP 1:5000 Class III Single Cell, Hermetically Sealed, IP69K



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mv/v

Output Resistance:
960 ohms, nominal +/- 50

Input Resistance:
1100 ohms +/- 50

Material/Finish:
Stainless steel

Temperature:
Compensated range
14° F to 104° F / -10° C to 40° C

Safe Overload:
200% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC

Total Error:
0.02% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Hermetically sealed, IP69K

Cable Length:
10 ft/3.1 m

Cable Diameter:
.196 polyurethane jacket

Cable Color Code:
Green + Excitation
Black - Excitation
White + Signal
Red - Signal
Yellow - Shield

Max Deflection
.006-.010

Max Platform Size:
24 in x 24 in

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	W	W1	T
lb/inches										
22-441.0	1.89	1.80	4.84	1.61	.60	2.66	.70	1.18	.60	8 x M6/15 DP
kg/mm										
10-200	48.0	45.5	123.0	41.0	15.2	67.6	17.8	30.1	15.2	8 x M6/15 DP

Order Information

LOAD RATING	PART #	PRICE
10 kg (22 lb)	87027	\$595.00
20 kg (44.1 lb)	87028	595.00
50 kg (110.2 lb)	87029	595.00
100 kg (220.5 lb)	87030	595.00
200 kg (441.0 lb)	87031	595.00

Interchangeable Products

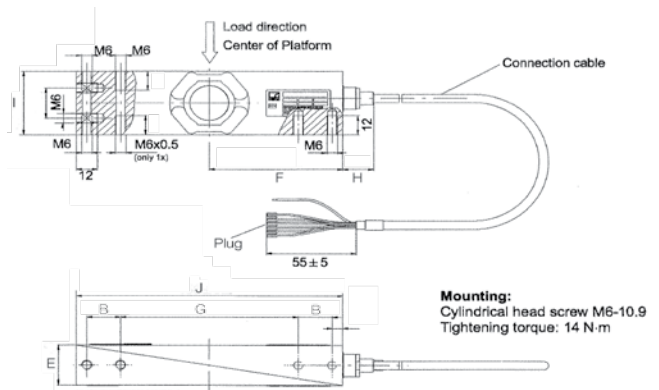
MANUFACTURER	MODEL	PAGE #
Flintec	PC6	227

RLPWM15HE




Single Point, Stainless Steel IP69K, Hermetically sealed, NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V	Safe Overload: 150% Full scale	Cable Length: 3.1 m/10 ft .86 m/2.83 ft	Warranty: Two-year limited warranty
Output Resistance: 350 ohms +/- 10	Rated Excitation: 10V DC (15V maximum)	Cable Diameter: .212 PVC jacket	Approvals:   
Input Resistance: 380 ohms +/- 15	Total Error: 0.02% Full scale	Cable Color Code: Blue + Excitation Black - Excitation Green + Sense Grey - Sense White + Signal Red - Signal	
Material/Finish: Stainless Steel	Insulation Resistance: 1000 megohms		
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Seal Type: Hermetically sealed, IP69K		

Dimensions

RATED CAPACITY	B	E	F	G	H	I	J
lb/inches							
22/220.5	.75	.98	2.95	3.94	.69	1.57	5.91
kg/mm							
10-100	19	25	75	100	17.5	40	150

Order Information: 10 ft cables

LOAD RATING	PART #	PRICE
10 kg (22.0 lb)	108685	\$595.00
20 kg (44.1 lb)	108686	595.00
50 kg (110.2 lb)	108687	595.00
100 kg (220.5 lb)	108688	595.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
HBM®	PW15AH	250

Order Information: 2.83 ft cables

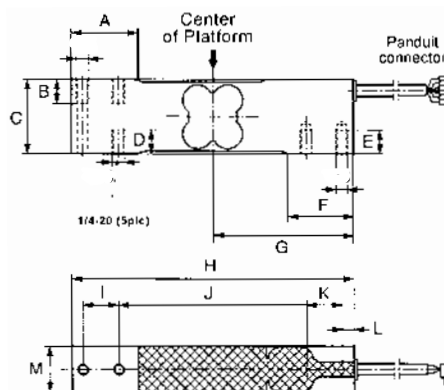
LOAD RATING	PART #	PRICE
10 kg (22.0 lb)	107174	\$595.00
20 kg (44.1 lb)	107175	595.00
50 kg (110.2 lb)	107176	595.00
100 kg (220.5 lb)	107177	595.00

RLPWM15



Single Point, Stainless Steel, NTEP IP67, 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V	Safe Overload: 150% Full scale	Cable Length: 3.1 m/10 ft	Warranty: Two-year limited warranty
Bridge Resistance: 350 ohms, nominal	Rated Excitation: 10V DC (15V maximum)	Cable Diameter: .190 PVC jacket	Approvals:  
Material/Finish: Stainless steel	Total Error: 0.02% Full scale	Cable Color Code: Blue + Excitation Black..... - Excitation Green..... + Sense Gray - Sense White + Signal Red - Signal	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Insulation Resistance: 1000 megohms		
	Seal Type: Environmentally sealed		

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J	K	L	M
lb/inches													
22.1 - 330.7	1.37	.51	1.57	.51	.51	1.37	2.95	5.90	.74	3.93	.74	.24	.98
kg/mm													
10 - 150	35	13	40	13	13	35	75	150	19	100	19	6.2	25

Order Information

LOAD RATING	PART #	PRICE
10 kg (22.1 lb)	119904	\$295.00
15 kg (33.1 lb)	119912	295.00
20 kg (44.1 lb)	119905	295.00
30 kg (66.2 lb)	119906	295.00
50 kg (110.3 lb)	119908	295.00
75 kg (165.3 lb)	119909	295.00
100 kg (220.5 lb)	119910	295.00
150 kg (330.7 lb)	119911	295.00

Interchangeable Products

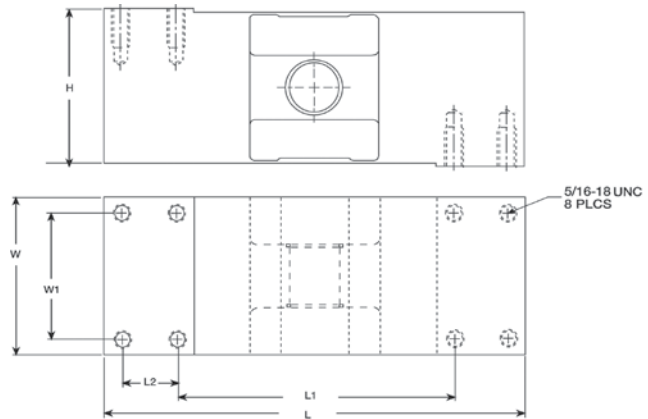
MANUFACTURER	MODEL	PAGE #
HBM®	PW15	248

RLPCBC-60

Single Point, Stainless Steel NTEP 1:5000 Class III Single Cell, Hermetically Sealed IP69K



Picture is a representation of actual product



Specifications

Full Scale Output:
2 mv/v

Output Resistance:
960 ohms, nominal +/- 50

Input Resistance:
1100 ohms +/- 50

1100 ohms +/- 50 Material/Finish:
Stainless steel

Temperature:
Compensated range: 14° F to 104° F/
-10° C to 40° C

Safe Overload:
200% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC

Total Error:
0.020% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Hermetically sealed, IP69K

Cable Length:
10 ft/3 m

Cable Diameter:
.196 polyurethane jacket

Cable Color Code:
Green + Excitation
Black - Excitation
White + Signal
Red - Signal
Yellow Shield
Blue + Sense
Brown - Sense

Max Platform Size:
24 in x 24 in

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	L	L1	L2	W	W1	H
lb/inches						
110.3-2205	7.50	4.21	1.38	2.90	1.97	2.90
kg/mm						
50-1000	190.5	107	35	73.7	50	73.7

Order Information

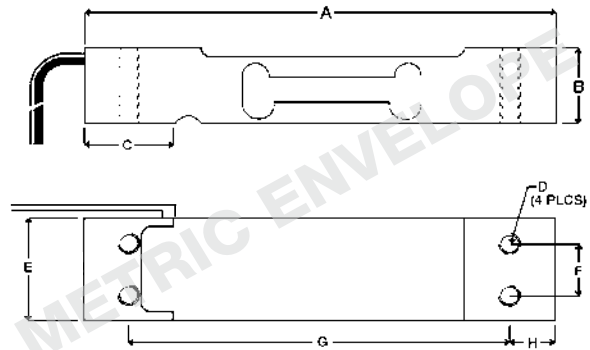
LOAD RATING		PART #	PRICE
50 kg	(110.3 lb)	87022	\$850.00
100 kg	(220.5 lb)	87023	850.00
250 kg	(551.3 lb)	87024	850.00
500 kg	(1,102.5 lb)	87025	850.00
1000 kg	(2,205 lb)	87026	850.00

RL1521A

Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V	Safe Overload: 150% Full scale	Cable Length: 1.50 ft/.5 m 10 ft/3.1 m	Max Platform Size: 13.75 in x 13.75 in
Output Resistance: 350 ohm +/- 3	Rated Excitation: 10V DC (15V maximum)	Cable Diameter: .14 PVC jacket	Warranty: Two-year limited warranty
Input Resistance: 410 ohms +/- 15	Total Error: 0.03% Full scale	Cable Color Code: Green + Excitation Black..... - Excitation Red + Signal White - Signal	Approvals:
Material/Finish: Aluminum	Insulation Resistance: 2000 megohms		
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Seal Type: Environmentally sealed		

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H
lb/inches								
6.6-15.4	5.12	.87	.99	M6 x 1.0	1.00	.59	4.17	.47
22.0-66.2	5.12	.87	.99	M6 x 1.0	1.18	.59	4.17	.47
77.2	5.12	.87	.99	M6 x 1.0	1.57	.59	4.17	.47
kg/mm								
3-7	130.0	22.0	25.0	M6 x 1.0	25.4	15.0	106.0	12.0
10-30	130.0	22.0	25.0	M6 x 1.0	30.0	15.0	106.0	12.0
35	130.0	22.0	25.0	M6 x 1.0	40.0	15.0	106.0	12.0

Order Information: 1.50' cables

LOAD RATING	PART #	PRICE
3 kg (6.6 lb)	50620	\$140.00
5 kg (11 lb)	50619	140.00
7 kg (15.4 lb)	50621	140.00
10 kg (22 lb)	50622	140.00
15 kg (33.1 lb)	50623	140.00
20 kg (44.1 lb)	50624	140.00
30 kg (66.1 lb)	50625	140.00
35 kg (110.2 lb)	50626	140.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Celtron	LPS except 3kg	206
VPG BLH	C2G1	—
Fairbanks®	4900 Series Checkweighers	—
NMB®	C2G1	—
VPG Tedeo-Huntleigh	1022	328
Artech®	61022	—

Order Information: 10' cables

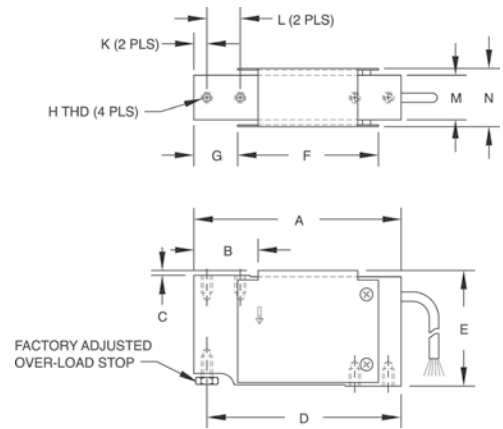
LOAD RATING	PART #	PRICE
3 kg (6.6 lb)	132261	\$140.00
5 kg (11 lb)	132262	140.00
7 kg (15.4 lb)	132263	140.00
10 kg (22 lb)	132264	140.00
15 kg (33.1 lb)	132265	140.00
20 kg (44.1 lb)	132266	140.00
30 kg (66.1 lb)	132267	140.00
35 kg (110.2 lb)	132268	140.00

RL1010




Potted and Unpotted Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 2.0mV/V</p> <p>Output Resistance: 350 ohms, nominal +/- 3</p> <p>Input Resistance: 415 ohms +/- 15</p> <p>Material/Finish: Anodized aluminum</p> <p>Temperature: Compensated range 14°F to 104°F/-10°C to 40°C</p>	<p>Safe Overload: 150% at center of loading point, full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Total Error: .02% Full scale</p> <p>Insulation Resistance: 5000 megohms</p> <p>Deflection at Capacity: 3-90 kg ≤ .015 in/.4 mm</p>	<p>Seal Type: Potted and unpotted models available</p> <p>Cable Length: Potted 3.1 m/10 ft, unpotted 0.9 m/3 in</p> <p>Cable Diameter: .200/PVC jacket</p> <p>Cable Color Code: Green+ Excitation Black.....- Excitation Blue+ Sense Brown- Sense Red+ Signal White- Signal</p>	<p>Max Platform Size: 15.75 in x 15.75 in</p> <p>Warranty: Two-year limited warranty</p> <p>Approvals:   </p>
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	K	L	M	N
lb/inches												
6.6-198.4	4.65	1.34	.12	4.35	2.60	3.15	.98	1/4-20 UNC x 0.50 DP	.30	.75	1.00	1.32
kg/mm												
3-90	118.1	34.0	3.0	110.5	66.0	80.0	25.0	1/4-20 UNC x 13 DP	7.5	19.1	25.4	33.5

Order Information

LOAD RATING	PART #	PRICE
Non-NTEP, Potted		
7 kg (15.4 lb)	17529	\$195.00
10 kg (22 lb)	17530	195.00
15 kg (33.1 lb)	17531	195.00
20 kg (44.1 lb)	17532	195.00
30 kg (66.1 lb)	17533	195.00
50 kg (110.2 lb)	17534	195.00
90 kg (198.4 lb)	17535	195.00
Non-NTEP, Unpotted		
3 kg (6.6 lb)	17527	180.00
5 kg (11.0 lb)	17528	180.00
NTEP 1:5000, Potted		
10 kg (22.1 lb)	50819	195.00
15 kg (33.1 lb)	50820	195.00
20 kg (44.1 lb)	50821	195.00
30 kg (66.1 lb)	50822	195.00
50 kg (110.2 lb)	50823	195.00

Interchangeable Products

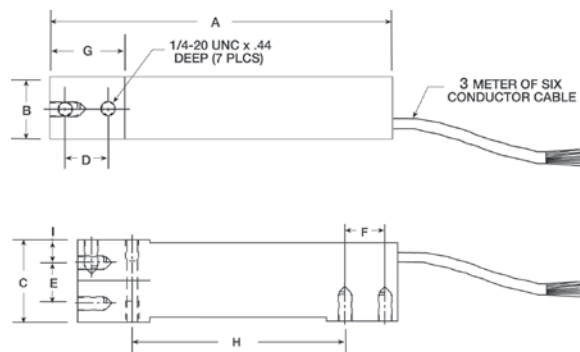
MANUFACTURER	MODEL	PAGE #
VPG TedeA-Huntleigh	1010	329

RLSP4

Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 350 ohms +/- 3 Input Resistance: 350 min Material/Finish: Anodized Aluminum Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 150% Full scale Rated Excitation: 10V DC (15V maximum) Combined Error: 0.02% Full scale Insulation Resistance: 5000 megohms Deflection at Capacity: 5-100 kg ≤ 0.4 mm/.015 in Seal Type: Environmentally sealed	Cable Length: 3.1 m/10 ft Cable Diameter: .19/PVC jacket Cable Color Code: Green + Excitation Black - Excitation Blue + Sense Brown - Sense Red + Signal White - Signal Yellow Shield	Max Platform Size: 3 kg-10 kg (12 in x 12 in) 15 kg-30 kg (18 in x 18 in) 50 kg-100 kg (24 in x 24 in) Warranty: Two-year limited warranty Approvals:
--	---	---	--

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I
lb/inches									
6.6-220.5	5.92	1.0	1.57	.75	.75	.75	1.33	3.92	.45
kg/mm									
3 kg-100	150.3	25.4	39.9	19.1	19.1	19.1	33.8	99.6	11.4

Order Information

LOAD RATING		PART #	PRICE
*3 kg	(6.6 lb)	91723	\$180.00
*5 kg	(11.0 lb)	91724	180.00
7 kg	(15.4 lb)	91725	180.00
10 kg	(22.1 lb)	91726	180.00
15 kg	(33.1 lb)	91727	180.00
20 kg	(44.1 lb)	91728	180.00
30 kg	(66.2 lb)	91729	180.00
50 kg	(110.3 lb)	91730	180.00
75 kg	(165.3 lb)	91731	180.00
100 kg	(220.5 lb)	91732	180.00

*Non NTEP

Interchangeable Products

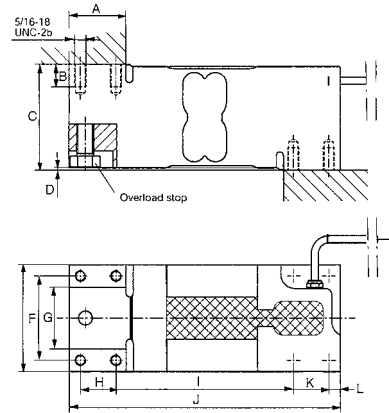
MANUFACTURER	MODEL	PAGE #
HBM®	SP4	246
VPG Tedeá-Huntleigh	1042	331
Rice Lake Weighing Systems	RL1042	173

RLPWM12

Single Point, Aluminum IP67, NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V	Safe Overload: 150% Full scale	Cable Length: 3.1 m/10ft	Warranty: Two-year limited warranty
Output Resistance: 330-450 ohms, nominal	Rated Excitation: 10V DC (15V maximum)	Cable Diameter: .190/PVC jacket	Max Platform Size: 30 in x 30 in
Input Resistance: 300-500	Total Error: 0.02% Full scale	Cable Color Code: Green + Excitation Black - Excitation Blue + Sense Brown - Sense Red + Signal White - Signal	Approvals:
Material/Finish: Aluminum	Insulation Resistance: 1000 megohms		
Temperature: Compensated temperature range 14°F to 104°F/-10°C to 40°C	Seal Type: Environmentally sealed, IP67		

Dimensions

RATED CAPACITY	A	B	C	D	E	F	H	I	J	K	L
lb/inches											
110.2-2205.0	1.57	.62	2.95	.05	2.99	2.36	.98	4.92	7.51	.98	.31
kg/mm											
50-1000	40	16	75	1.5	76	60	25	125	191	25	8

Order Information

LOAD RATING		PART #	PRICE
50 kg	(110.2 lb)	91674	\$300.00
75 kg	(165.4 lb)	91675	300.00
100 kg	(220.5 lb)	91676	300.00
150 kg	(330.7 lb)	91677	300.00
200 kg	(440.9 lb)	91678	300.00
250 kg	(551.2 lb)	91679	300.00
300 kg	(661.4 lb)	91680	300.00
500 kg	(1102.3 lb)	91681	300.00
635 kg	(1400.1 lb)	91682	300.00
1000 kg	(2205.0 lb)	91683	300.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
*HBM®	PW12	247
VPG Tedeá-Huntleigh	1250	343
Rice Lake Weighing Systems	RL 1250	179

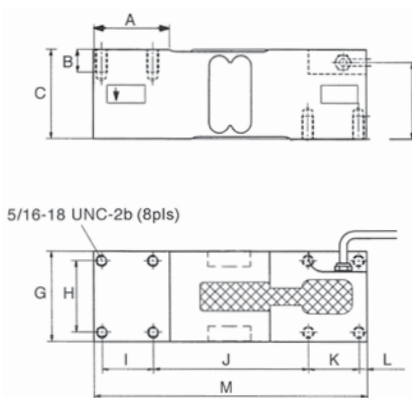
*Color code is different

RLPWM16




Single Point, Aluminum NTEP 1:5000 Class III Single Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V	Safe Overload: 150% Full scale	Cable Length: 3.1 m/10 ft	Cable Color Code: Green+ Excitation Black- Excitation Blue+ Sense Brown- Sense Red+ Signal White- Signal
Output Resistance: 300-500	Rated Excitation: 10V DC (15V maximum)	Cable Diameter: .190/PVC jacket	Warranty: Two-year limited warranty
Input Resistance: 300-500	Total Error: 0.02% Full scale	Max Platform Size: 24 in x 24 in	Approvals:   
Material/Finish: Aluminum	Insulation Resistance: 1000 megohms		
Temperature: Compensated temperature range 14°F to 104°F/-10°C to 40°C	Seal Type: Environmentally sealed, IP67		

Dimensions

RATED CAPACITY	A	B	C	F	G	H	I	J	K	L	M
lb/inches											
110.2-1455.5	2.04	.62	2.45	2.05	2.48	1.96	1.37	4.21	1.37	.21	7.40
kg/mm											
50-635	52	16	62.3	52.3	63	50	35	107	35	5.5	188

Order Information

LOAD RATING	PART #	PRICE
50 kg (110.2 lb)	91684	\$275.00
75 kg (165.4 lb)	91686	275.00
100 kg (220.5 lb)	91687	275.00
150 kg (330.7 lb)	91688	275.00
200 kg (440.9 lb)	91689	275.00
250 kg (551.2 lb)	91690	275.00
300 kg (661.4 lb)	91691	275.00
500 kg (1102.3 lb)	91692	275.00
635 kg (1455.5 lb)	91693	275.00

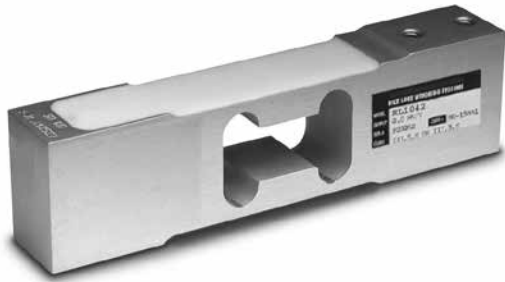
Interchangeable Products

MANUFACTURER	MODEL	PAGE #
*HBM®	PW16	249
VPG Tedeá-Huntleigh	1260	340
Rice Lake Weighing Systems	RL1260	178

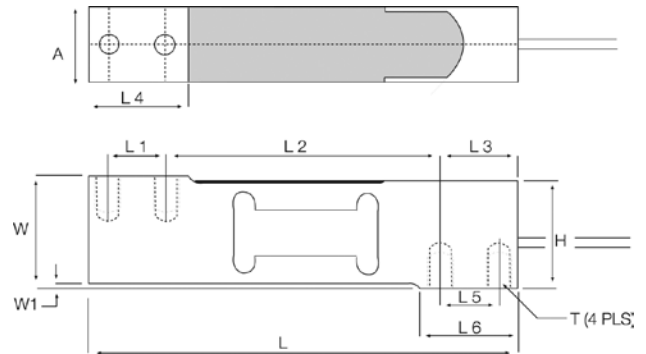
*Color code is different

RL1042

Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0mV/V

Output Resistance:

350 ohms +/- 3

Input Resistance:

415 ohms +/- 15

Material/Finish:

Aluminum

Temperature:

Compensated temperature range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale
Over center loading point

Rated Excitation:

10V DC (15V maximum)

Total Error:

0.02% Full scale

Deflection at Capacity:

1-100 kg ≤ .4 mm/.015"

Insulation Resistance:

2000 megohms

Seal Type:

Environmentally sealed

Cable Length:

3.1 m/10 ft

Cable Diameter:

.20/PVC jacket

Cable Color Code:

Green + Excitation
Black - Excitation
Blue + Sense
Brown - Sense
Red + Signal
White - Signal

Max Platform Size:

15.75 in x 15.75 in

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	H	L	L1	L2	L3	L4	L5	L6	W	W1	T
lb/inches												
2.2-66.1	.787	1.54	5.91	.75	3.937	.984	1.339	.75	1.339	1.575	.040	1/4-20UNC-2B
110.2-220.5	.992	1.54	5.91	.75	3.937	.984	1.339	.75	1.339	1.575	.040	1/4-20UNC-2B
kg/mm												
1-30	20.0	39	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20UNC-2B
50-100	25.2	39	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20UNC-2B

Order Information

LOAD RATING		PART #	PRICE
1 kg	(2.2 lb)	40955	\$180.00
3 kg	(6.6 lb)	40956	180.00
5 kg	(11.0 lb)	40957	180.00
10 kg	(22.0 lb)	40958	180.00
15 kg	(33.1 lb)	40959	180.00
20 kg	(44.1 lb)	40960	180.00
30 kg	(66.1 lb)	40961	180.00
50 kg	(110.2 lb)	40962	180.00
75 kg	(165.4 lb)	40963	180.00
100 kg	(220.5 lb)	40964	180.00

Interchangeable Products

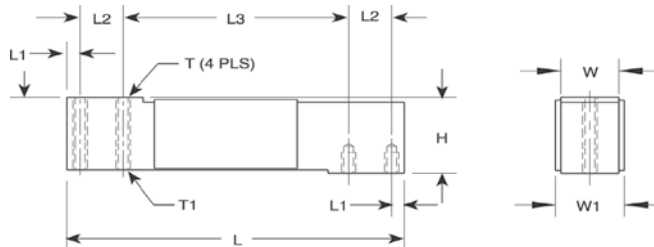
MANUFACTURER	MODEL	PAGE #
VPG Tedeia-Huntleigh	1042	331
HBM®	SP4	246
Flintec	PC 42	—

RL1040

Potted & Unpotted Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 ohms +/- 3

Input Resistance:

415 ohms +/- 5

Material/Finish:

Anodized aluminum

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

200% at center loading point, full scale

Rated Excitation:

10V DC (15V maximum)

Total Error:

.02% Full scale

Insulation Resistance:

2000 megohms

Deflection at Capacity:

3-100 kg ≤ .4 mm/.015 in

Seal Type:

Environmentally sealed, potted and unpotted models

Cable Length:

3.1 m/10 ft

Cable Diameter:

.20/PVC jacket

Cable Color Code:

- Green + Excitation
- Black - Excitation
- Blue + Sense
- Brown - Sense
- Red + Signal
- White - Signal

Max Platform Size:

15.75 in x 15.75 in

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	H	L	L1	L2	L3	T	T1	W	W1
lb/inches									
11-220.5	1.57	5.91	.23	.75	3.94	1/4-20 UNC x 0.39 DP	1/4-28 UNF x 0.39 DP	1.00	1.16
kg/mm									
5-100	40.0	150.0	5.95	19.05	100.0	1/4-20 UNC x 10 DP	1/4-28 UNF x 10 DP	25.4	29.4

Order Information

LOAD RATING		PART #	PRICE
NTEP 1:5000, Potted			
7 kg	(15.4 lb)	32860	\$195.00
10 kg	(22.1 lb)	32861	195.00
15 kg	(33.1 lb)	32862	195.00
20 kg	(44.1 lb)	32863	195.00
30 kg	(66.1 lb)	32864	195.00
50 kg	(110.2 lb)	32865	195.00
100 kg	(220.5 lb)	32866	195.00
NTEP 1:5000, Unpotted			
5 kg	(11.0 lb)	32859	190.00

Interchangeable Products

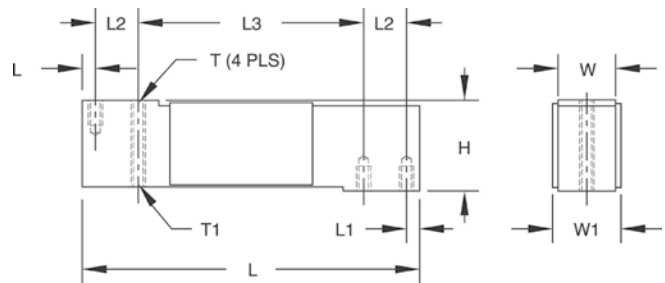
MANUFACTURER	MODEL	PAGE #
VPG Celtron	LOC	207
VPG Tedeo-Huntleigh	1040	333

RL1140

Potted Single Point, Stainless Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0mV/V

Output Resistance:

350 ohms, nominal +/- 3

Input Resistance:

415 ohms +/- 15

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

200% at center loading point,
full scale

Rated Excitation:

10V DC (15V maximum)

Total Error:

.02% Full scale

Insulation Resistance:

2000 megohms

Deflection at Capacity:

15-150 kg ≤ .4 mm/.015 in

Seal Type:

Environmentally sealed, potted, IP67

Cable Length:

3.1 m/10ft

Cable Diameter:

.20/PVC jacket

Cable Color Code:

Green + Excitation
Black..... - Excitation
Blue + Sense
Brown - Sense
Red + Signal
White - Signal

Max Platform Size:

15.75 in x 15.75 in

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	H	L	L1	L2	L3	T	T1	W	W1
lb/inches									
33.1-330.7	1.57	5.91	.23	.75	3.94	1/4-20 UNC x 0.39 DP	1/4-28 UNF x 0.39 DP	1.00	1.16
kg/mm									
15-150	40.0	150.0	5.95	19.05	100.0	1/4-20 UNC x 10 DP	1/4-28 UNF x 10 DP	25.4	29.4

Order Information

LOAD RATING		PART #	PRICE
15 kg	(33.1 lb)	17544	\$320.00
30 kg	(66.1 lb)	17545	320.00
50 kg	(110.2 lb)	17546	320.00
75 kg	(165.4 lb)	17547	320.00
100 kg	(220.5 lb)	17548	320.00
150 kg	(330.7 lb)	36467	320.00

Interchangeable Products

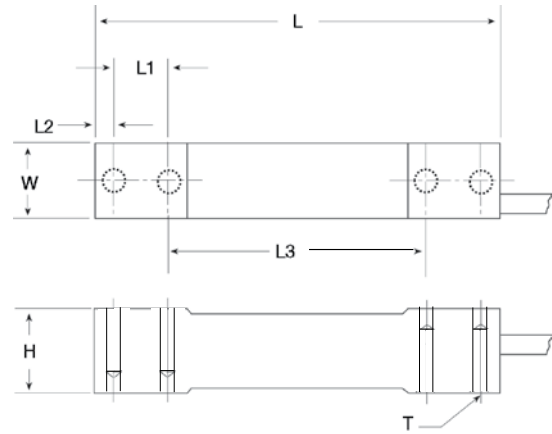
MANUFACTURER	MODEL	PAGE #
VPG Tedeo-Huntleigh	1140	335

RL1380

Single Point, Stainless Steel NTEP 1:3000 Class III Single Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V	Safe Overload: 150% Full scale	Cable Length: 3.1 m/10ft	Deflection: <.4 mm FS
Output Resistance: 350 ohms +/- 3	Rated Excitation: 10V DC (15V maximum)	Cable Diameter: .190 polyurethane jacket	Max Platform Size: 15.75 in x 15.75 in
Input Resistance: 350 ohms	Combined Error: 0.03% Full scale	Cable Color Code: Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield	Warranty: Two-year limited warranty
Material/Finish: Stainless steel	Insulation Resistance: 1000 megohms		Approvals:
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Seal Type: Environmentally sealed, IP67		

Dimensions

RATED CAPACITY	W	L	L1	L2	L3	T	H
lb/inches							
15.4-33.1	.75	5.50	.75	.25	3.50	1/4-20UNC	1.19
66.1-132.3	.94	5.50	.75	.25	3.50	1/4-20UNC	1.19
kg/mm							
7-15	19.1	139.7	19.1	6.4	88.9	1/4-20UNC	30.2
30-60	23.9	139.7	19.1	6.4	88.9	1/4-20UNC	30.2

Order Information

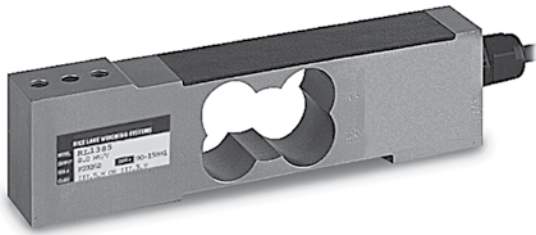
LOAD RATING	PART #	PRICE
7 kg (15.4 lb)	30783	\$295.00
10 kg (22.0 lb)	30782	295.00
15 kg (33.1 lb)	30781	295.00
30 kg (66.1 lb)	30780	295.00
60 kg (132.3 lb)	30779	295.00

Interchangeable Products

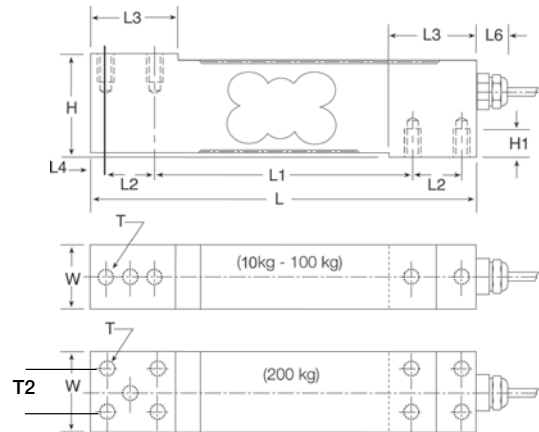
MANUFACTURER	MODEL	PAGE #
HBM®	PWS	251

RL1385



Single-Point, Stainless Steel NTEP 1:4500 Class III Single Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 330 ohms +/- 25 Input Resistance: 340 ohms +/- 20 Material/Finish: Stainless Steel Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 200% Full scale Rated Excitation: 5V DC (15V maximum) Combined Error: 0.02% Full scale Insulation Resistance: 5000 megohms Seal Type: Environmentally sealed, IP67	Cable Length: 3.1 m/10 ft Cable Diameter: .196 polyurethane jacket Cable Color Code: Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield	Max Platform Size: 18 in x 18 in Warranty: Two-year limited warranty Approvals:  
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Dimensions

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	L6	W	T	T2
lb/inches											
13.2-220.5	1.57	.40	5.90	3.93	.75	1.26	.24	.79	1.00	1/4-20 x .75 DP	N/A
441.0	1.57	.40	5.90	3.93	.75	1.26	.24	.79	1.50	1/4-20 x .75 DP	1.00
kg/mm											
10-100	40.0	10.0	150.0	100.0	19.0	32.0	6.0	20.0	25.4	1/4-20 x 19.1 DP	N/A
200	40.0	10.0	150.0	100.0	19.0	32.0	6.0	20.0	38.1	1/4-20 x 19.1 DP	25.4

Order Information

LOAD RATING	PART #	PRICE
10 kg (22.0 lb)	41405	\$295.00
15 kg (33.1 lb)	41233	295.00
30 kg (66.1 lb)	41234	295.00
50 kg (110.2 lb)	41235	295.00
75 kg (165.4 lb)	41236	295.00
*100 kg (220.5 lb)	41237	295.00
*200 kg (441.0 lb)	41406	440.00

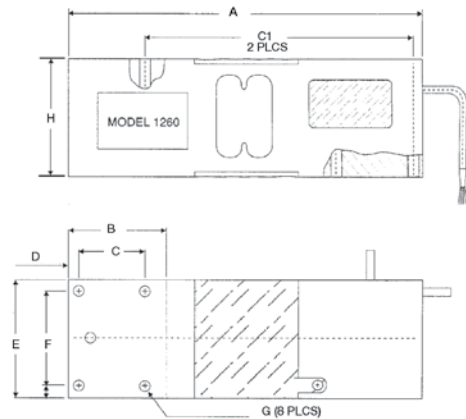
*Non NTEP

RL1260




Single Point, Aluminum NTEP 1:5000 Class III Single Cell, IP67



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 2.0 mV/V</p> <p>Output Resistance: 350 ohms +/- 3</p> <p>Input Resistance: 415 ohms +/- 15</p> <p>Material/Finish: Anodized aluminum</p> <p>Temperature: Compensated range 14°F to 104°F/-10°C to 40°C</p>	<p>Safe Overload: 200% of full scale at center loading point</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Total Error: 0.02% Full scale</p> <p>Insulation Resistance: 5000 megohms</p> <p>Seal Type: Environmentally sealed, IP67</p>	<p>Cable Length: 3.1 m/10 ft</p> <p>Cable Diameter: .220 polyurethane jacket</p> <p>Cable Color Code: Green + Excitation Black - Excitation Blue + Sense Brown - Sense Red + Signal White - Signal</p>	<p>Max Platform Size: 24 in x 24 in</p> <p>Warranty: Two-year limited warranty</p> <p>Approvals:   </p>
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Dimensions

RATED CAPACITY	A	B	C	C1	D	E	F	G	H
lb/inches									
110.2-1400.2	7.40	2.05	1.38	5.59	.22	2.49	1.97	5/16-18 UNC-2B	2.45
kg/mm									
50-635	188	52	35	142	5.5	63.5	50	5/16-18 UNC-2B	62.3

Order Information

LOAD RATING	PART #	PRICE
50 kg (110.2 lb)	41020	\$310.00
75 kg (165.4 lb)	41021	310.00
100 kg (220.5 lb)	41022	310.00
150 kg (330.7 lb)	158469	310.00
200 kg (440.9 lb)	41023	310.00
250 kg (551.2 lb)	41024	310.00
300 kg (661.4 lb)	41025	310.00
500 kg (1102.3 lb)	41026	310.00
635 kg (1400 lb)	41027	310.00

Interchangeable Products

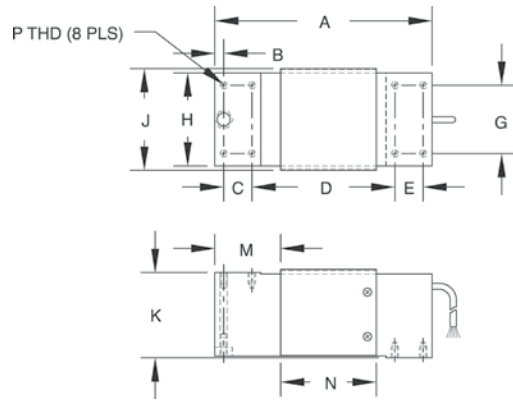
MANUFACTURER	MODEL	PAGE #
VPG Tedeo-Huntleigh	1260	340
HBM®	PW16	249
Rice Lake Weighing Systems	RLPWM16	172

RL1250

Potted Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V	Safe Overload: 150% of full scale at center loading point	Seal Type: Environmentally sealed, potted	Max Platform Size: 24 in x 24 in
Output Resistance: 350 ohms +/- 3	Rated Excitation: 10V AC/DC (15V maximum)	Cable Length: 3.1 m/10 ft	Warranty: Two-year limited warranty
Input Resistance: 415 ohms +/- 15	Total Error: .02% Full scale	Cable Diameter: .220 polyurethane jacket	Approvals: FM, IP, CE
Material/Finish: Anodized aluminum	Insulation Resistance: 2000 megohms	Cable Color Code: Green.....+ Excitation Black.....- Excitation Blue.....+ Sense Brown.....- Sense Red.....+ Signal White.....- Signal	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Deflection at Capacity: 50-1000 kg ≤ .4 mm/.015 in		

Dimensions

RATED CAPACITY	A	B	C	D	E	G	H	J	K	M	N	P
lb/inches												
110.2-1400.2	7.52	.43	.98	4.92	.98	2.36	2.95	3.23	2.95	2.26	3.35	5/16-18 UNC x 0.59 DP
kg/mm												
50-1000	191.0	11.0	25.0	125.0	25.0	60.0	75.0	82.0	75.0	57.5	85.0	5/16-18 UNC x 15 DP

Order Information

LOAD RATING		PART #	PRICE
50 kg	(110.2 lb)	32849	\$315.00
75 kg	(165.4 lb)	32856	315.00
100 kg	(220.5 lb)	32855	315.00
150 kg	(330.7 lb)	32854	315.00
200 kg	(440.9 lb)	32853	315.00
250 kg	(551.2 lb)	32852	315.00
300 kg	(661.4 lb)	32851	315.00
500 kg	(1102.3 lb)	32850	315.00
635 kg	(1400 lb)	32857	315.00
1000 kg	(2205 lb)	32858	315.00

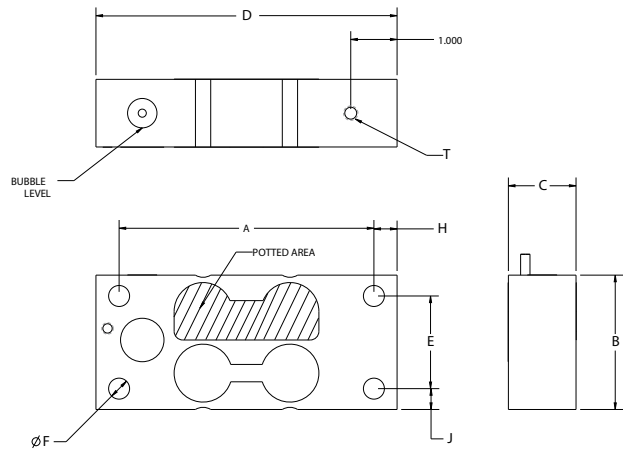
Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Tedeo-Huntleigh	1250	343
VPG Celtron	LOC	207
Flintec	PCB*	225
HBM®	PW12	247
Rice Lake Weighing Systems	RLPWM12	171

*Stainless steel, Hermetically sealed
Shim plate-part# 22264

RLFLS

Potted Single Point, Stainless Steel



Specifications

<p>Full Scale Output: 1.0 mV/V +/- 10%</p> <p>Output Resistance: 350 ohms +/- 3</p> <p>Input Resistance: 385 ohms +/- 10</p> <p>Material/Finish: Stainless steel</p>	<p>Temperature: Operating range: 0° F-150° F/-18° C-65° C</p> <p>Safe Overload: 150% full scale</p> <p>Rated Excitation: 5-15 VDC</p> <p>Hysteresis: 0.02% R.O.</p>	<p>Linearity: 0.02% R.O.</p> <p>Seal Type: Potted, IP67</p> <p>Insulation Resistance: 5000 megohms</p> <p>Cable Length: 10 ft/3.1 m</p>	<p>Cable Color Code: Green + Excitation Black - Excitation Red + Signal White - Signal</p> <p>Warranty: Two-year limited warranty</p>
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	H	J	T
lb/inches									
50-75	5.50	2.90	.735	6.50	2.00	.453	.50	.45	5/16-18 UNC x .50
125-250	5.50	2.90	1.46	6.50	2.00	.453	.50	.45	5/16-18 UNC x .50
625	7.00	3.75	1.91	8.00	2.75	.520	.50	.50	—

Order Information

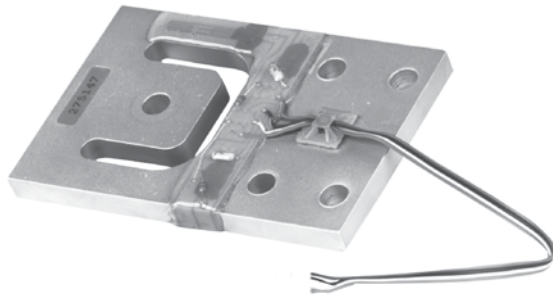
LOAD RATING		PART #	PRICE
50 lb	22.7 kg	125612	\$595.00
75 lb	34.0 kg	125613	595.00
125 lb	56.9 kg	125614	595.00
250 lb	113.4 kg	125616	595.00
625 lb	283.4 kg	125617	750.00

Interchangeable Products

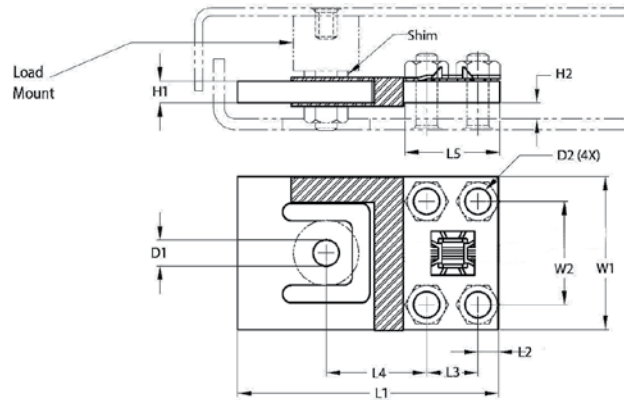
MANUFACTURER	MODEL
Avery Weigh-Tronix®	FLS

RLBLP

Planar Beam, Aluminum IP65



Picture is a representation of actual product



Specifications

Full Scale Output:

1 mV/V

Output Resistance:

1000 ohms +/- 10

Input Resistance:

1180 ohms +/- 50

Material/Finish:

Aluminum

Temperature:

Operating range:
0°F to 150°F/-18°C to 65°C

Safe Overload:

150% Full scale

Rated Excitation:

5-15V DC

Combined Error:

0.05% Full scale

Seal Type:

Environmentally sealed, IP65

Insulation Resistance:

5000 megohms

Cable Length:

1.0 m 3.75/7.5/15 kg
1.5 m 37.5/75/150/375 kg

Cable Color Code:

Green + Excitation
Black - Excitation
White + Signal
Red - Signal

Warranty:

Two-year limited warranty

Dimensions

RATED CAPACITY KG/MM	L1	L2	L3	L4	L5	W1	W2	H1	H2 (MIN)	D1	D2
RLPB-15 kg-RS	70	4.9	14	28	23.7	39	27.8	4.1	4.5	7.6	5.1
RLPB-37.5 kg-RS	76.2	6	15	29.3	27	44.5	30	4.8	5	7.6	6.6
RLPB-75 kg-RS	84.4	6.4	15	34	27.7	54.8	30	6.4	5	7.6	6.6
RLPB-150 kg-RS	107.3	7.8	22.9	45.9	38.4	69.9	44.5	7.9	6	9.1	8.1

Order Information

LOAD RATING	PART #	PRICE	
15 kg	33.0 lb	100272	\$80.00
37.5 kg	82.6 lb	104645	85.00
75 kg	165.3 lb	100273	90.00
150 kg	330.7 lb	100274	95.00

Interchangeable Products

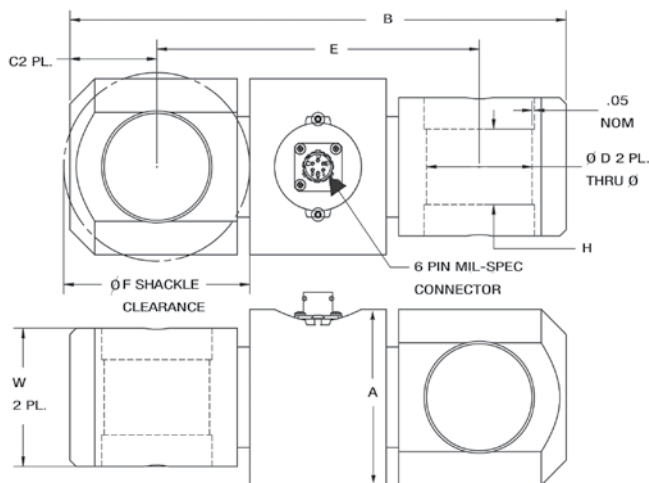
MANUFACTURER	MODEL	PAGE #
Flintec	PB	229

RL2010

Tension Link, Stainless Steel IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V +/-1%

Bridge Resistance:

350 ohms, nominal

Material/Finish:

Stainless steel

Temperature:

Operating range
10°F to 120°F/-12°C to 49°C

Safe Overload:

150% Full scale

Rated Excitation:

10V DC (15V maximum)

Linearity:

0.05% Full scale

Repeatability:

0.03% Full scale

Insulation Resistance:

5000 megohms

Seal Type:

Environmentally IP67

Cable Length:

40 ft polyurethane jacket*

Cable Color Code:

Green + Excitation
Black - Excitation
White + Signal
Red - Signal

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	ØD	E	F	W	H
lb/inches								
5000-10,000	2.00	6.50	1.00	1.05	4.50	2.38	1.37	.075
25,000	2.75	8.00	1.38	1.55	5.25	2.88	2.00	1.00
50,000-75,000	3.25	14.00	2.50	2.31	9.00	5.00	3.00	1.75
100,000-150,000	4.00	16.00	2.88	2.88	10.25	6.25	4.00	2.00
200,000	6.00	18.00	3.25	3.38	11.50	6.50	4.75	2.38
250,000	6.50	20.00	3.75	3.88	12.50	7.50	5.00	2.75
300,000-500,000	7.50	24.00	4.50	4.31	15.00	9.50	5.40	3.00

Order Information

LOAD RATING	PART #	PRICE
5000 lb (2268.0 kg)	117731	\$1,195.00
10,000 lb (4535.9 kg)	117732	1,195.00
25,000 lb (11,334.8 kg)	117733	1,395.00
50,000 lb (22,679.6 kg)	117735	2,495.00
75,000 lb (34,019.4 kg)	117736	2,495.00
100,000 lb (45,359.4 kg)	117737	2,695.00
150,000 lb (68,038.9 kg)	117738	2,695.00
200,000 lb (90,718.5 kg)	117739	4,895.00
250,000 lb (113,398.0 kg)	117740	5,295.00
300,000 lb (136,077.7 kg)	117741	7,500.00
500,000 lb (226,796.2 kg)	117742	7,500.00

40' Cable w/connector

*Shackles

LOAD RATING	PART #	PRICE
5K -10K	83450	\$195.00
25K	83451	605.00
50K	83452	895.00
75K	119279	1,595.00
100K	83453	2,925.00
150K - 200K	83454	3,695.00
250K	83455	4,459.00
300K	83456	10,840.00

* Each pair

Table of Contents

Compression Canisters

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C2P1, Alloy Steel



Single-column design with low deflection and trouble-free operation. High-alloy steel, epoxy coated for use in harsh environments. Compact and rugged. NTEP Certified capacities from 20,000 to 200,000 lb (9071.9 to 90,718.5 kg); non-NTEP capacity of 300,000 lb (136,078.1 kg). Integral 10¹/₃ 1 m or 35 ft/10.7 m cable.



Page 185

C3P1, Alloy Steel



Single-column, environmentally-protected design provides low deflection and trouble-free operation. High-alloy steel, epoxy coated for corrosion resistance. Compact and rugged. Capacities from 500 to 10,000 lb (226.8 to 4535.9 kg). Complete with 35 ft/10.7 m of load cell cable.



Tension Canisters

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T2P1, Alloy Steel



Single-column, environmentally-protected design provides low deflection and trouble-free operation. High-alloy steel, epoxy-coated construction yields trouble-free performance in harsh environments. Designed for high-capacity tension applications. Capacities of 20,000 and 50,000 lb (9071.9 and 22,679.6 kg). Integral 35 ft/10.7 m cable.



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T3P1, Alloy Steel



Single-column, environmentally-protected design provides low deflection and trouble-free operation. High-alloy steel, epoxy-coated construction yields trouble-free performance in harsh environments. Designed for high-capacity tension applications. Capacities of 20,000 and 50,000 lb (9071.9 and 22,679.6 kg). Integral 35 ft/10.7 m cable.

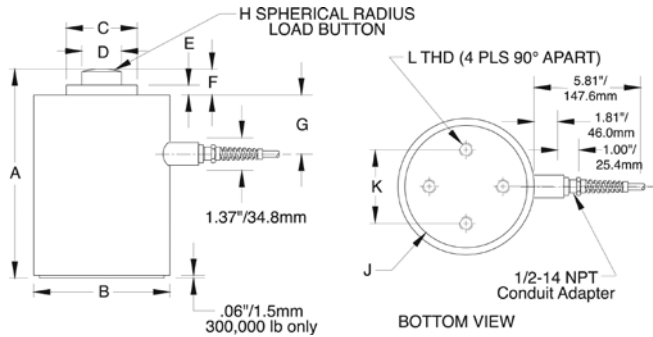


C2P1

Compression Canister, Alloy Steel NTEP 1:4500 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
350 ohms +/- 3.5

Input Resistance:
350 ohms +/- 3.5

Material/Finish:
High-alloy steel, epoxy coated

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Seal Type:
NEMA 6 Environmentally sealed, IP67

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (20V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:
20,000-30,000 lb=.0075 in/.191 mm,
50,000 lb=.0065 in/.165 mm,
100,000 lb=.0075 in/.191 mm,
200,000 lb=.0070 in/.178 mm,
300,000 lb=.012 in/.305 mm

Cable Length:
10 ft or 35 ft/3.0 m or 10.7 m, see below

Cable Color Code:

- Green+ Excitation
- Black- Excitation
- White+ Signal
- Red- Signal
- Yellow- Shield

Warranty:
Three-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L
lb/inches											
20,000-50,000	7.50	4.50	2.25	1.25	.50	.75	2.50	6.00	—	2.38	3/8-24 UNF-2 x 3/8 DP
100,000	9.13	6.00	3.13	1.75	.63	1.06	2.50	12.00	—	4.00	1/2-20 UNF-2B x 3/4 DP
200,000	11.63	8.00	4.50	2.50	.63	1.06	3.50	12.00	—	5.50	5/8-18 UNF-2B x 1 DP
300,000	14.00	10.00	5.00	3.00	.75	1.31	4.31	15.00	8.00	5.50	3/4-16 UNF-2B x 1 1/4 DP
kg/mm											
9071.9-22,679.6	190.5	114.3	57.2	31.8	12.7	19.1	63.5	152.4	—	60.3	3/8-24 UNF-2 x 3/8 DP
45,359.2	231.8	152.4	79.4	44.5	15.9	27.0	63.5	304.8	—	101.6	1/2-20 UNF-2B x 3/4 DP
90,718.5	295.3	203.2	114.3	63.5	15.9	27.0	88.9	304.8	—	139.7	5/8-18 UNF-2B x 1 DP
136,078.1	295.3	203.2	114.3	63.5	19.1	27.0	109.5	304.8	203.2	139.7	3/4-16 UNF-2B x 1 1/4 DP

Order Information

LOAD RATING	PART #	PRICE
NTEP 1:4500, 10' Cables		
20,000 lb (9071.9 kg)	21625	\$3,095.00
30,000 lb (13,607.8 kg)	Discontinued	—
50,000 lb (22,679.6 kg)	21626	3,175.00
100,000 lb (45,359.2 kg)	21627	3,295.00
200,000 lb (90,718.5 kg)	21628	4,795.00
NTEP 1:4500, 35' Cables		
20,000 lb (9071.9 kg)	21630	3,150.00
30,000 lb (13,607.8 kg)	Discontinued	—
50,000 lb (22,679.6 kg)	21632	3,295.00
100,000 lb (45,359.2 kg)	21633	3,595.00
200,000 lb (90,718.5 kg)	21634	4,895.00
Non-NTEP, 10' Cables		
300,000 lb (136,078.1 kg)	17670	8,395.00
Non-NTEP, 35' Cables		
300,000 lb (136,078.1 kg)	17671	8,495.00

Interchangeable Products

MANUFACTURER	MODEL
Fairbanks®	3-38065-X, 3-38066-X
HBM	C10
Streeter Richardson	2011611, 2011612
Streeter Richardson	2011613, 2011614, 2011617
Mettler-Toledo®	10049200A, 10014900A
Mettler-Toledo®	10011900A, 10049300A

C3P1

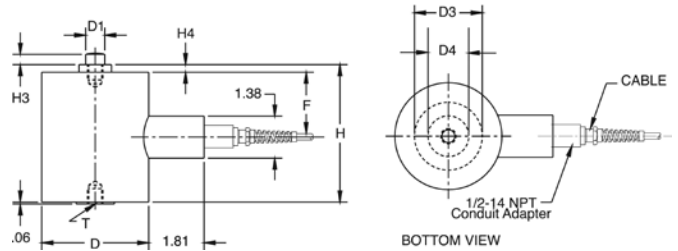
Compression Canister, Alloy Steel, IP67

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Picture is a representation of actual product

HOLES CAN BE DRILLED WITHIN THIS AREA TO RECEIVE LOCKING SCREWS. MAX. DEPTH OF HOLES IS "L" DIM.



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
350 ohms +/- 3.5

Input Resistance:
350 ohms +/- 3.5

Material/Finish:
High-alloy steel, epoxy coated

Temperature:
Operating range
0°F to 150°F/-17°C to 65°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (20V maximum)

Nonlinearity:
0.05% Full scale

Hysteresis:
500 lb=0.05% Full scale
1000-10,000 lb=0.02% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:

500 lb=.007 in/.18 mm,
1000 lb=.006 in/.15 mm,
2000-3000 lb=.005 in/.13 mm,
5000 lb=.007 in/.18 mm,
10,000 lb=.005 in/.13 mm

Seal Type:

Nema 6 Environmentally sealed, IP67

Cable Length:

35 ft/10.7 m

Cable Color Code:

Green+ Excitation
Black.....- Excitation
White.....+ Signal
Red.....- Signal
Yellow.....- Shield

Warranty:

Three-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	D	D1	D3	D4	F	H	H3	H4	L	T
lb/inches										
500-3000	3.50	.62	1.25	—	2.25	4.56	.38	.25	—	1/2-20 UNF-2B x .50 DP
5000-10,000	3.50	1.06	2.50	1.75	2.66	5.94	.62	.38	.50	1-14 UNS-2B x 1.25 DP
kg/mm										
226.8-1360.8	88.9	15.7	31.8	—	57.2	115.8	9.5	6.4	—	1/2-20 UNF-2B x .50 DP
2268.0-4535.9	88.9	27.0	63.5	44.5	67.6	150.9	15.7	9.7	12.7	1-14 UNS-2B x 1.25 DP

Order Information

LOAD RATING		PART #	PRICE
500 lb	(226.8 kg)	17672	\$2,795.00
1000 lb	(453.6 kg)	17673	2,795.00
2000 lb	(907.2 kg)	17674	2,795.00
3000 lb	(1360.8 kg)	17675	2,795.00
5000 lb	(2268.0 kg)	17676	2,895.00
10,000 lb	(4535.9 kg)	17677	2,895.00

Interchangeable Products

MANUFACTURER	MODEL
Fairbanks®	3-38054-X
Mettler-Toledo®	1004400A, KN713700
Mettler-Toledo®	KB200570, 10049100A

VPG BLH

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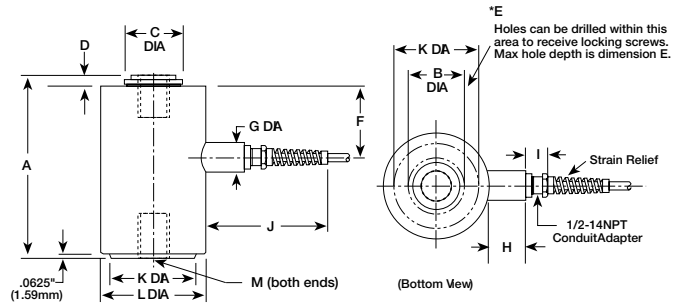
BLH
VISHAY
PRECISION
GROUP

T2P1

Tension Canister, Alloy Steel



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0mV/V

Output Resistance:
350 ohms +/- 3.5

Input Resistance:
350 ohms +/- 3.5

Material/Finish:
High-alloy steel, epoxy coated

Temperature:
Operating range
0°F to 150°F/-17°C to 65°C

Seal Type:
Environmentally sealed

Safe Overload:
150% Full scale

Rated Excitation:
10V AC/DC (20V maximum)

Combined Error:
±0.03% Full scale

Repeatability:
0.02% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:
20,000 lb=.0075 in/.191 mm,
50,000 lb=.0100 in/.254 mm

Cable Length:
35 ft/10.7 m

Cable Color Code:

Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal
Yellow Shield

Warranty:
Three-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	*E	F	G	H	I	J	K	L	M
lb/inches													
20,000	8.50	2.63	2.75	.50	1.00	3.38	1.38	1.81	1.00	5.81	4.00	5.00	1 1/2-12 UNF-2B x 2 DP
50,000	11.44	3.75	4.00	.63	1.00	5.00	1.38	1.81	1.00	5.81	5.75	6.50	2-12 UNF-2B x 2.63 DP
kg/mm													
9071.9	215.9	66.8	69.9	12.7	25.4	85.9	35.1	46.0	25.4	147.6	101.6	127.0	1 1/2-12 UNF-2B x 50.8 DP
22,679.7	290.6	95.3	101.6	16.0	25.4	127.0	35.1	46.0	25.4	147.6	146.1	165.1	2-12 UNF-2B x 66.7 DP

Order Information

LOAD RATING		PART #	PRICE
20,000 lb	(9071.9 kg)	17660	\$3,595.00
50,000 lb	(22,679.6 kg)	17661	3,795.00

Interchangeable Products

MANUFACTURER	MODEL
Fairbanks®	657090, 657091
Streeter Richardson	2011711, 2011712

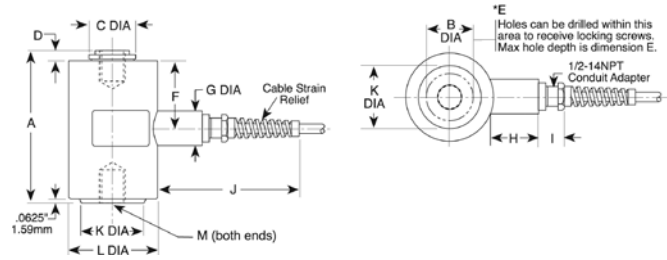
T3P1

Tension Canister, Alloy Steel

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Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Seal Type: Environmentally sealed	Insulation Resistance: 5000 megohms	Cable Color Code: Green+ Excitation Black- Excitation White+ Signal Red- Signal Yellow- Shield
Output Resistance: 350 ohms +/- 3.5	Safe Overload: 150% Full scale	Deflection at Capacity: 500 lb=.007 in/.18 mm, 1000 lb=.006 in/.15 mm, 2000-3000 lb=.005 in/.13 mm, 5000 lb=.007 in/.18 mm, 10,000 lb=.005 in/.13 mm	Warranty: Three-year limited warranty
Input Resistance: +/- 3.5	Rated Excitation: 10V AC/DC (20V maximum)	Cable Length: 35 ft/10.7 m	Approvals:
Material/Finish: High-alloy steel, epoxy coated	Nonlinearity: 0.05% Full scale		
Temperature: Operating range 0°F to 150°F/-17°C to 65°C	Hysteresis: 0.05% Full scale (500 lb) 0.02% Full scale (1000-10,000 lb)		

Dimensions

RATED CAPACITY	A	B	C	D	*E	F	G	H	I	J	K	L	M
lb/inches													
500-3000	4.56	—	1.06	.25	—	2.25	1.38	1.81	1.00	5.81	1.25	3.50	1/2-20 UNF-2B x .5 DP
5000-10,000	5.93	1.75	1.87	.38	.50	2.66	1.38	1.81	1.00	5.81	2.50	3.50	1-14 UNS-2B x 1.25 DP
kg/mm													
226.8-1360.8	115.8	—	26.9	6.4	—	57.2	35.1	46.0	25.4	147.6	31.8	88.9	1/2-20 UNF-2B x 12.7 DP
2268.0-4535.9	150.6	44.4	47.5	9.7	12.7	67.6	35.1	46.0	25.4	147.6	63.5	88.9	1-14 UNS-2B x 31.8 DP

Order Information

LOAD RATING	PART #	PRICE
500 lb (226.79 kg)	17654	\$2,795.00
1000 lb (453.59 kg)	17655	2,795.00
2000 lb (907.18 kg)	17656	2,795.00
3000 lb (1360.77 kg)	17657	2,795.00
5000 lb (2267.96 kg)	17658	2,895.00
10,000 lb (4535.92 kg)	17659	2,895.00

Interchangeable Products

MANUFACTURER	MODEL
Fairbanks®	3-39897-X, 3-40766-X
Streeter Richardson	20117XX
Mettler-Toledo®	10048X00A, KN75066




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Table of Contents

S-Beams

Page 192	STC, Low-Capacity, Alloy Steel	Ideally suited for batching and filling, conveyor and hopper/tank weighing. Nickel plated, high-alloy steel construction. Capacities from 50 to 200lb (22.7 to 90.7 kg). Complete with 10ft/3.1 m of load cell cable.	
Page 193	STC, Alloy Steel	Ideally suited for batching and filling and hopper/tank weighing. Nickel plated, alloy steel construction. Capacities from 250 to 40,000lb (113.4 to 18,144 kg). Complete with 20ft/6.1 m of load cell cable.	
Page 194	STC SS, Stainless Steel	The Vishay Celtron STC has been a popular industry S-beam for some time, and for the first time is available in a stainless steel version. This high-quality product is ideal for tension applications, and provides the additional protection of being manufactured from stainless. Capacities from 200 to 10,000lb (90.7 to 4535.9kg). Each unit is provided with a standard 20ft/6.1 m cable.	
Page 195	HTC HSS, Stainless Steel, Welded-seal	The Vishay Celtron STC HSS provides upgraded protection to the standard environmentally sealed S-beam, for dry but dirty suspended tank, hopper and mechanical replacement applications. An economical alternative to fully stainless, welded S-Beams the STC HSS provides a mid-range solution where none previously existed. Available incapacities ranging from 500lb to 10,000lb. Each unit includes 20ft/6.1 m of standard load cell cable.	

Single-Ended Beams




Page 196	SQB, Alloy Steel	Single-ended beam designed for low-profile scales and platform, hopper and tank weighing applications. NTEP-certified cells in capacities from 1000 to 10,000lb (453.6 to 4535.9kg); Non-NTEP cells in 500, 15,000, and 20,000lb (226.8 to 9071.9kg). Complete with 20ft/6.1 m of load cell cable.	
Page 197	SQB-HSS, Stainless Steel	The Vishay Celtron SQB-HSS stainless steel, welded seal single-ended beam is a precision load cell offering exceptional performance and reliability in hostile environment applications typical of food and chemical processing. Designed for single or multiple load cell installations, the SQB-HSS is provided with a threaded load hole for easy adaptation of mounting hardware or leveling feet typical of floor scales. Capacities from 1000 to 10,000lb (453.6 to 4535.9kg). Integral 20ft/6.1 m cable.	
Page 198	MBB, Alloy Steel	Ultra-small load cell designed for bench, platform, tank and conveyor weighing applications. Nickel plated and environmentally protected with a stainless steel side plate. Capacities from 50 to 250lb (22.7 to 113.4 kg). Complete with 3ft/0.9 m of load cell cable.	

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Single-Ended Beams

Page 199

SEB, Alloy Steel



The Vishay Celtron SEB is a single-ended beam designed for various scale and process weighing applications. This unit is manufactured from high-alloy steel that has been nickel plated to ensure an IP67 rating. The product is OIML approved and has metric envelope capacities ranging from 500 kg to 2.5 t. Each unit is provided with a 20 ft/6.1 m of standard load cable to deliver an accurate yet economical package.



Page 200

HBB, Stainless Steel



The HBB is Vishay Celtron's version of the traditional design Bending Beam packaged with a welded stainless steel bellow to provide additional environmental protection. This economical alternative to traditional designs is ideal for low-profile platform scales, packaging machinery, mechanical conversions or most any general weighing application. Complete with NTEP Certification, the HBB is available in capacities ranging from 10 kg to 250 kg and includes 20 ft/6.1 m of load cell cable.



Double-Ended Beams

Page 201

CSB, Alloy Steel



This double-ended beam with center loading is an optional replacement for many popular cells in the industry. Designed for truck, tank, and hopper applications. Capacities from 5000 to 150,000 lb (2268.0 to 68,040 kg). Complete with 30 ft/9.1 m of load cell cable.



Page 202

DSR, Alloy Steel



Double-ended beam with center loading. Designed for tank, hopper and silo applications. Capacities from 1000 to 75,000 lb (453.6 to 34,019.5 kg). Complete with 25 ft/7.6 m load cell cable.



Page 203

DSR-HSS, Stainless Steel



A new center loaded, double-ended beam in stainless steel with welded gauge covers. Available capacities range from 1,000 to 75,000 lb (453.6 to 34,019.5 kg). This load cell is ideal for tank, hopper, and silo applications, has a welded-seal, and comes with 25 ft/7.6 m of load cell cable.



Page 204

CLB, Alloy Steel



The Vishay Celtron CLB is an alloy steel, nickel-plated, double-ended beam that is ideal for applications in truck, track, tank and hopper applications. This product is of the center-loaded design, and is compatible with both the MVS and TSA mounting assemblies. The price has recently been reduced, and it should be competitive with any similar load cell on the market today. Available in capacities from 20,000 to 125,000 lb (9071.9 to 56,699.1 kg), with all units being provided with a 35 ft/10.6 m cable.



Page 205

DLB, Alloy Steel










Designed for center mounting and double-link loading, the DLB is a high-accuracy solution for many weighing applications. This alloy steel, nickel-plated load cell is compatible with Unilink/Translink mounting configurations. Available in capacities from 25,000 to 125,000 lb (11,339.8 to 56,699.1 kg). Units are provided with a standard 35 ft/10.6 m cable.



Table of Contents

Single Points

Page 206	LPS, Aluminum	Designed for counting and bench weighing applications. Capacities from 3 to 100 kg (6.6 to 220.5 lb). Complete with 450 mm/17.8 in of load cell cable.	 
Page 207	LOC, Aluminum	Low-profile, off-center loading load cell. Designed for direct mounting of a weighing platform, hanging scales, and other low-capacity beam applications. Long-term stability and durability are maintained. Capacities from 5 to 100 kg (11.0 to 220.5 lb). Complete with 1 m/3.3 ft and 3.1 m/10 ft of load cell cable.	 
Page 208	LOC, Aluminum, Heavy Capacity	Low-profile, off-center loading load cell. Designed for direct mounting of a weighing platform and hanging scales. Long-term stability and durability are maintained. Capacities from 100 to 500 kg (220.5 to 1102.3 lb). Complete with 3.1 m/10 ft of load cell cable.	 
Page 209	HOC, Aluminum	The HOC model is a high-capacity single point made of aluminum. Direct mounting of low-profile platforms simplifies the construction of floor scales, weigh bars, and hanging scales. Capacities from 750 to 2000 kg (1653.7 to 4410.0 lb). Complete with 3.1 m/10 ft of load cell cable.	
Page 210	LCD, Alloy Steel	Environmentally-protected low-profile compression disk. 5000 and 10,000 lb models can also be used in tension loading applications. Shear web design provides excellent performance, low-profile feature makes it ideal for applications where height is critical. Capacities from 5000 to 100,000 lb (2268.0 to 45,359.4 kg). Integral 50 ft/15.2 m cable.	

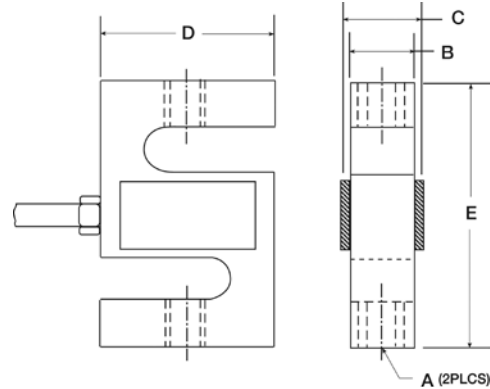
Compression Canisters

STC

Low-Capacity S-Beam, Alloy Steel IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V (50 lb capacity, 2.0 mV/V)

Output Resistance:
350 ohms +/- 3

Input Resistance:
385 ohms +/- 5

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Compensated range
0°F to 150°F/-18°C to 65°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Environmentally sealed, IP67

Cable Length:
20 ft/3.1 m

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:
Red + Excitation
Black..... - Excitation
Green..... + Signal
White - Signal

Warranty:
One-year limited warranty

Approvals:

Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
50-200	1/4-28 UNF	0.50	1.05	2.00	2.50
kg/mm					
22.7-90.7	1/4-28 UNF	12.7	19.1	50.8	63.5

Order Information

LOAD RATING	PART #	PRICE
50 lb (22.7 kg)	30044	\$175.00
100 lb (45.4 kg)	30045	175.00
150 lb (68.0 kg)	30046	175.00
200 lb (90.7 kg)	35787	175.00

Interchangeable Products

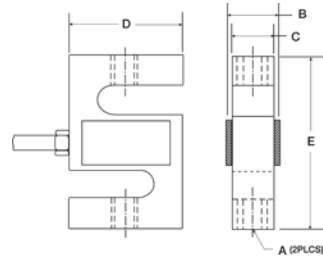
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL20000	117

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM-Isolated Tension Cell Mount	44



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V nominal Output Resistance: 350 ohms +/- 3 Input Resistance: 385 ohms +/- 5 Material/Finish: High-alloy steel, nickel plated Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 150% Full scale Rated Excitation: 10V DC (15V maximum) Non-Repeatability: 0.01% Full scale Combined Error: 0.02% Full scale Insulation Resistance: 5000 megohms	Seal Type: Environmentally sealed, IP67 Cable Length: 20 ft/6.1 m Cable Diameter: .200 polyurethane jacket 250-20 k .305 polyurethane jacket 40 k	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal Warranty: One-year limited warranty Approvals:
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Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
250	3/8-24 UNF	0.75	0.50	2.00	3.00
500-1500	1/2-20 UNF	1.00	0.75	2.00	3.00
2000-3000	1/2-20 UNF	1.25	1.00	2.00	3.00
5000	3/4-16 UNF	1.25	1.00	3.00	4.25
10,000	3/4-16 UNF	1.25	1.00	3.50	4.75
15,000	1-14 UNS	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF	2.19	2.00	5.00	7.00
40,000	1 1/2-12 UNF	2.75	2.50	6.00	10.00
kg/mm					
113.4	3/8-24 UNF	19.1	12.7	50.8	76.2
226.8-907.2	1/2-20 UNF	25.4	19.1	50.8	76.2
1134.0-1360.8	1/2-20 UNF	31.8	25.4	50.8	76.2
2268.0	3/4-16 UNF	31.8	25.4	76.2	107.9
4535.9	3/4-16 UNF	31.8	25.4	88.9	120.7
6803.9	1-14 UNS	38.1	31.8	101.6	139.7
9071.9	1 1/4-12 UNF	55.7	50.8	127.0	177.8
18,144.0	1 1/2-12 UNF	69.9	63.5	152.4	254.0

Order Information

LOAD RATING	PART #	PRICE
250 lb (113.4 kg)	30047	\$195.00
500 lb (226.8 kg)	30051	195.00
750 lb (340.2 kg)	30054	195.00
1000 lb (453.6 kg)	30067	195.00
1500 lb (680.4 kg)	30069	195.00
2000 lb (907.2 kg)	30072	195.00
2500 lb (1134.0 kg)	30073	195.00
3000 lb (1360.8 kg)	30074	265.00
5000 lb (2268.0 kg)	30076	375.00
10,000 lb (4535.9 kg)	30077	375.00
15,000 lb (6803.9 kg)	30078	475.00
20,000 lb (9071.9 kg)	30079	775.00
*40,000 lb (18,144.0 kg)	46674	955.00

*Non-NTEP

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL20001	122
Vishay Sensortronics	60001	293

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	I TCM-Isolated Tension Cell Mount	44

Special Load Cells

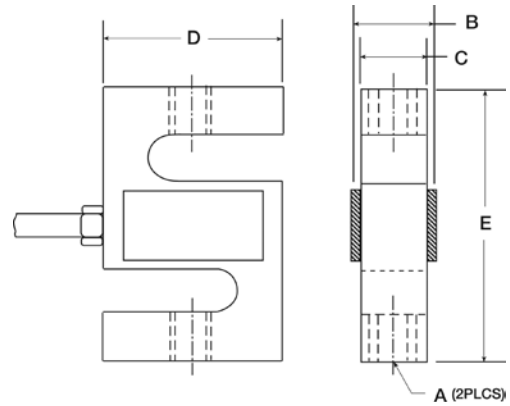
LOAD RATING	PART #	PRICE
3K (1360.8 kg)	67882	\$275.00
5K (2268.0 kg)	67881	495.00
20K (9071.9 kg)	67883	825.00
30' cable matched outputs	—	

STC SS


S-Beam, Stainless Steel IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0mV/V nominal Output Resistance: 350 ohms +/- 3 Input Resistance: 385 ohms +/- 5 Material/Finish: Stainless steel Temperature: Compensated range 0°F to 150°F/-18°C to 65°C	Safe Overload: 150% Full scale Rated Excitation: 10V DC (15V maximum) Nonlinearity: 0.03% Full scale Hysteresis: 0.02% Full scale Insulation Resistance: 5000 megohms	Seal Type: Environmentally sealed, IP67 Cable Length: 20 ft/6.1 m Cable Diameter: .200 polyurethane jacket Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal	Warranty: One-year limited warranty Approvals: 
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Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
250	3/8-24 UNF	0.75	0.50	2.00	3.00
500-1500	1/2-20 UNF	1.00	0.75	2.00	3.00
2000-3000	1/2-20 UNF	1.25	1.00	2.00	3.00
5000	3/4-16 UNF	1.25	1.00	3.00	4.25
10,000	3/4-16 UNF	1.25	1.00	3.50	4.25
kg/mm					
113.4	3/8-24 UNF	19.1	12.7	50.8	76.2
226.8-907.2	1/2-20 UNF	25.4	19.1	50.8	76.2
1134.0-1360.8	1/2-20 UNF	31.8	25.4	50.8	76.2
2268.0	3/4-16 UNF	31.8	25.4	76.2	107.9
4535.9	3/4-16 UNF	31.8	25.4	88.9	139.7

Order Information

LOAD RATING	PART #	PRICE
250 lb (113.4 kg)	46659	\$295.00
500 lb (226.8 kg)	46661	295.00
750 lb (340.2 kg)	46662	295.00
1000 lb (453.6 kg)	46663	295.00
1500 lb (680.4 kg)	46664	295.00
2000 lb (907.2 kg)	46665	295.00
2500 lb (1134.0 kg)	46666	315.00
3000 lb (1360.8 kg)	46667	315.00
5000 lb (2268.0 kg)	46668	445.00
10,000 lb (4535.9 kg)	46669	455.00

Interchangeable Products

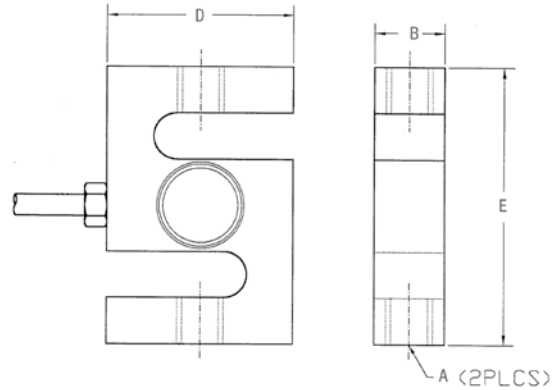
MANUFACTURER	MODEL	PAGE #
Vishay Sensortronics	60050	294

HTC HSS

S-Beam, Stainless Steel Welded-seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 ohms +/- 3

Input Resistance:

385 ohms +/- 5

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Rated Excitation:

10V DC (15V maximum)

Combined Error:

0.05%

Insulation Resistance:

5000 megohms

Seal Type:

Welded-seal, IP67

Cable Length:

20 ft/6.1 m

Cable Diameter:

.200 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green.....+ Signal
White.....- Signal

Warranty:

One-year limited warranty

Dimensions

RATED CAPACITY	A	B	D	E
lb/inches				
500-3000	1/2-20 UNF	1.00	2.00	2.97
5000-10,000	3/4-16 UNF	1.00	3.00	4.25
kg/mm				
226.8-1360.8	1/2-20 UNF	25.4	50.8	75.4
2268.0-4536.0	3/4-16 UNF	25.4	76.2	102.9

Order Information

LOAD RATING		PART #	PRICE
500 lb	(226.8 kg)	69326	\$465.00
750 lb	(340.0 kg)	69327	465.00
1000 lb	(453.6 kg)	69328	465.00
1500 lb	(680.4 kg)	69329	465.00
2000 lb	(907.2 kg)	69330	465.00
2500 lb	(1134.0 kg)	69331	465.00
3000 lb	(1360.8 kg)	69332	495.00
5000 lb	(2268.0 kg)	69333	695.00
10,000 lb	(4536.0 kg)	69334	695.00

Weigh Module Available

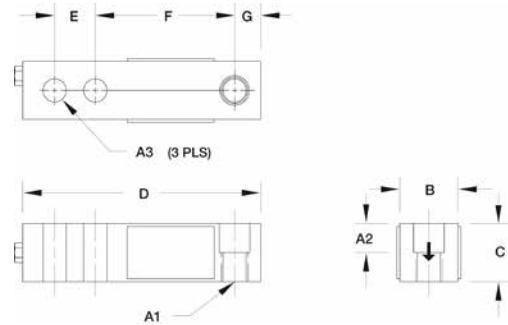
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM-Isolated Tension Cell Mount	44

SQB

Single-Ended Shear Beam, Alloy Steel NTEP 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

350 ohms +/- 3

Input Resistance:

385 ohms +/- 5

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Combined Error:

0.02% Full scale

Insulation Resistance:

5000 megohms

Deflection at Capacity:

500-1000 lb=.013 in/.31 mm,
2000-3000 lb=.015 in/.4 mm,
4000-5000 lb=.025 in/.6 mm,
10,000 lb=.035 in/.9 mm

Seal Type:

Environmentally sealed, IP67

Cable Length:

20 ft/6.1 m

Cable Diameter:

.200 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A4	A2	A3	A1	B	C	D	E	F	G
lb/inches										
500	.53 DIA.	.50	.53	1/2-20 UNF-2B	1.25	1.00	5.12	1.00	3.00	.50
1000-5000SE	.53 DIA.	.62	.53	1/2-20 UNF-2B	1.25	1.25	5.12	1.00	3.00	.50
5000LE-10,000	.78 DIA.	.75	.78	3/4-16 UNF-2B	1.50	1.50	6.75	1.50	3.75	.75
15,000-20,000	1.03 DIA.	1.00	1.03	1-14 UNS	2.00	2.00	8.88	2.00	4.88	1.00
kg/mm										
226.8	13.5 DIA.	12.7	13.5	1/2-20 UNF-2B	31.8	25.4	130.0	25.4	76.2	12.7
453.6-2268.0SE	13.5 DIA.	15.8	13.5	1/2-20 UNF-2B	31.8	31.8	130.0	25.4	76.2	12.7
2268.0LE-4535.9	19.8 DIA.	19.1	19.8	3/4-16 UNF-2B	38.1	38.1	171.5	38.1	95.3	19.1
6803.9-9071.9	26.2 DIA.	25.4	26.2	1-14 UNS	50.8	50.8	225.6	50.8	124.0	25.4

Order Information

LOAD RATING		PART #	PRICE
NTEP 1:5000			
1000 lb	(453.6 kg)	30106	\$195.00
2000 lb	(907.2 kg)	30109	195.00
2500 lb	(1134.0 kg)	30112	195.00
3000 lb	(1360.8 kg)	30113	195.00
4000 lb	(1814.4 kg)	30270	195.00
5000 lb-SE	(2268.0 kg)	30114	195.00
5000 lb-LE	(2268.0 kg)	30115	330.00
10,000 lb	(4535.9 kg)	30117	330.00
Non-NTEP			
500 lb	(226.8 kg)	30101	185.00
15,000 lb	(6803.9 kg)	30118	430.00
20,000 lb	(9071.9 kg)	30121	445.00

SE refers to small envelope

LE refers to large envelope

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL35023	131
Vishay Sensortronics	65023	296

Weigh Module Available

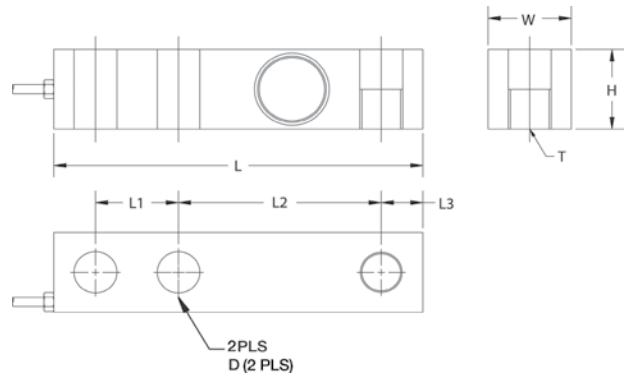
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50
Rice Lake Weighing Systems	RL1800 Series	60

SQB-HSS

Single-Ended Shear Beam, Stainless Steel NTEP 1:5000 Class III Multiple Cell, Welded-Seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
350 ohms +/- 3

Input Resistance:
385 ohms +/- 5

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full Scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
.02 Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Welded-seal, IP67

Cable Length:
20 ft/6.1 m

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:

- Red+ Excitation
- Black.....- Excitation
- Green+ Signal
- White- Signal

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	L	L1	L2	L3	W	H	D	T
lb/inches								
1000-5000 SE	5.12	1.00	3.00	.50	1.25	1.25	.53	1/2-20 UNF
5000-10,000	6.75	1.50	3.75	.75	1.50	1.50	.78	3/4-16 UNF
kg/mm								
453.6-2268.0	130.2	25.4	76.2	12.7	31.7	31.7	13.5	—
2268.0-4536.0	171.5	38.1	95.3	19.0	38.1	38.1	19.8	—

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	67118	\$325.00
2000 lb (907.2 kg)	67119	325.00
2500 lb (1134.0 kg)	67120	325.00
3000 lb (1360.8 kg)	67121	325.00
4000 lb (1814.4 kg)	67122	325.00
5000 lb SE (2268.0 kg)	67123	325.00
5000 lb (2268.0 kg)	67124	425.00
10,000 lb (4535.9 kg)	67125	425.00

SE refers to small envelope

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL35023	131
VPG Sensortronics	65083	302

Weigh Module Available

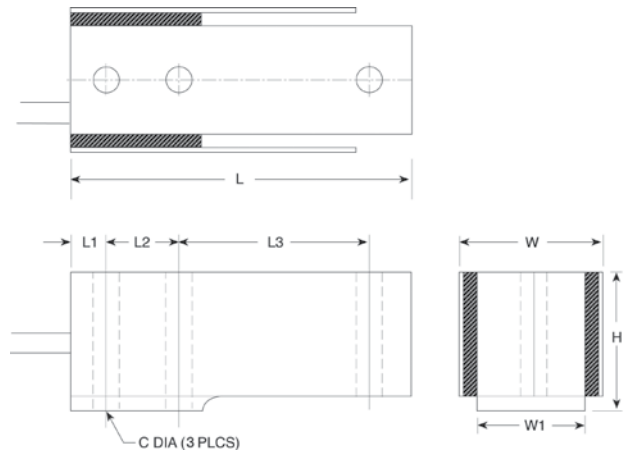
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1800 Series	60

MBB

Single-Ended Beam, Alloy Steel



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
350 ohms +/- 3

Input Resistance:
385 ohms +/- 5

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Compensated range
0°F to 150°F / -18°C to 65°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Environmentally sealed

Cable Length:
5 ft/1.5 m

Cable Color Code:
Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:
One-year limited warranty

Approvals:

Dimensions

RATED CAPACITY	C	W	W1	H	L	L1	L2	L3
lb/inches								
50-150	0.172	0.75	0.50	0.98	2.38	0.25	0.50	1.33
250	0.172	1.00	0.75	0.98	2.38	0.25	0.50	1.33
kg/mm								
22.7-68.0	4.37	19.1	12.7	24.8	60.5	6.4	12.7	33.7
113.4	4.37	25.4	19.1	24.8	60.5	6.4	12.7	33.7

Order Information

LOAD RATING		PART #	PRICE
50 lb	(22.7 kg)	30130	\$195.00
100 lb	(45.4 kg)	30131	195.00
150 lb	(68.0 kg)	30132	195.00
250 lb	(113.4 kg)	35786	195.00

Interchangeable Products

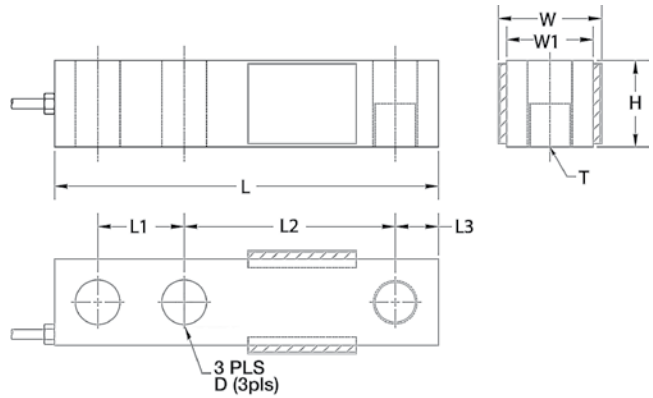
MANUFACTURER	MODEL
Interface®	MB

SEB

Single-Ended Beam, Alloy Steel IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Safe Overload: 150% Full scale	Seal Type: Environmentally sealed, IP67	Warranty: One-year limited warranty
Output Resistance: 350 ohms +/- 3	Safe Sideload: 100% Full scale	Cable Length: 20 ft/6.1 m	Approvals:
Input Resistance: 385 ohms +/- 5	Rated Excitation: 10V AC/DC (15V maximum)	Cable Diameter: .200 polyurethane jacket	
Material/Finish: High-alloy steel, nickel plated	Combined Error: 0.025%	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Insulation Resistance: 5000 megohms		

Dimensions

RATED CAPACITY	L	L1	L2	L3	W	W1	H	D	T
kg-t/inches									
500 kg-2.5 t	5.12	1.00	3.00	.50	1.50	1.25	1.25	.53	M12 x 1.75
kg-t/mm									
500 kg-2.5 t	130.0	25.4	76.2	12.7	38.1	31.75	31.75	13.4	M12 x 1.75

Order Information

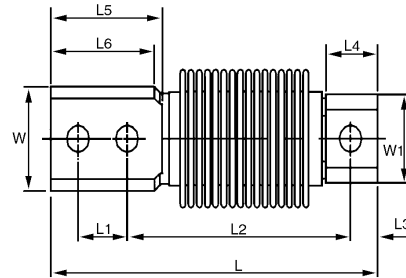
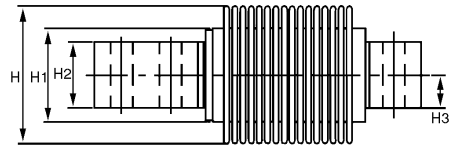
LOAD RATING	PART #	PRICE
500 kg	69315	\$215.00
1 t	69316	215.00
1.5t	69317	215.00
2t	69318	215.00
2.5t	69319	215.00

HBB

Single-Ended Beam, Stainless Steel Welded-seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 ohms +/- 3

Input Resistance:

385 ohms +/- 5

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-107°C to 40°C

Safe Overload:

150% Full scale

Rated Excitation:

10V DC (15V maximum)

Combined Error:

0.03%

Insulation Resistance:

5000 megohms

Seal Type:

Welded-seal, IP67

Cable Length:

3.1 m/10 ft

Cable Diameter:

.200 polyurethane jacket

Cable Color Code:

- Red+ Excitation
- Black.....- Excitation
- Green+ Signal
- White- Signal
- Brown+ Sense
- Yellow- Sense

Warranty:

One-year limited warranty

Dimensions

RATED CAPACITY	L	L1	L2	L3	L4	L5	L6	H	H1	H2	H3	W	W1
kg/mm													
10-250	120.0	18.0	82.0	10.0	19.0	41.0	38.0	41.6	28.2	20.0	10.0	31.5	26.6
lb/inches													
500-3000	4.72	.70	3.22	.39	.74	1.61	1.49	1.63	1.11	.78	.39	1.24	1.04

Order Information

LOAD RATING	PART #	PRICE
10 kg (22.0 lb)	69320	\$495.00
20 kg (44.1 lb)	69321	495.00
50 kg (110.2 lb)	69322	495.00
100 kg (220.5 lb)	69323	495.00
200 kg (441.0 lb)	69324	495.00
250 kg (551.2 lb)	69325	495.00

Interchangeable Products

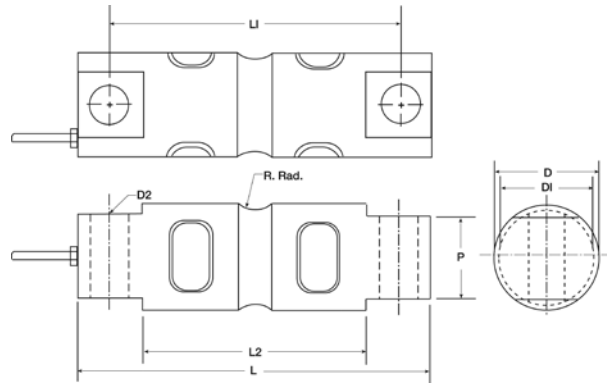
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RLHBB	144
HBM	Z6	243
Vishay Revere Transducers	SHB	270
Vishay TedeA-Huntleigh	355	327

CSB

Double-Ended Shear Beam, Alloy Steel NTEP 1:10,000 Class IIII Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V

Output Resistance:
700 ohms +/- 5

Input Resistance:
770 ohms +/- 10

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.02% Full scale

Non-Repeatability:
0.02% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Environmentally sealed, IP67

Cable Length:
30 ft/9.1 m

Cable Diameter:
.200 polyurethane jacket 5 k-20 k
.305 polyurethane jacket 30 k-150 k

Cable Color Code:

- Red+ Excitation
- Black- Excitation
- Green+ Signal
- White- Signal

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	L	L1	L2	D	D1	D2	P	R
lb/inches								
5000-10,000	8.12	6.88	5.24	1.70	1.48	0.66	1.12	0.50
20,000	8.12	6.88	5.24	1.95	1.49	0.66	1.12	0.50
30,000-60,000	10.25	8.50	6.49	3.00	2.73	1.06	2.37	1.00
100,000	11.25	9.50	7.49	3.50	3.24	1.06	2.50	1.00
150,000	11.25	9.50	7.49	3.90	3.64	1.06	2.80	1.50
kg/mm								
2268.0-9071.9	206.3	174.8	133.1	46.5	41.0	16.8	28.5	12.7
13,607.8-27,215.6	260.4	215.9	164.8	81.3	74.5	26.9	60.2	25.4
45,359.4	285.8	241.3	190.2	95.3	88.7	26.9	63.5	25.4
68,040.0	285.8	241.3	190.2	99.1	92.5	26.9	71.1	38.1

Order Information

LOAD RATING	PART #	PRICE
5000 lb (2268.0 kg)	42120	\$635.00
10,000 lb (4536.0 kg)	42121	635.00
20,000 lb (9072.0 kg)	42122	635.00
30,000 lb (13,608.0 kg)	42123	735.00
40,000 lb (18,144.0 kg)	42124	735.00
50,000 lb (22,679.6 kg)	42125	735.00
60,000 lb (27,216.0 kg)	42126	735.00
100,000 lb (45,360.0 kg)	42127	1,475.00
150,000 lb (68,040.0 kg)	46683	1,475.00

Weigh Module Available

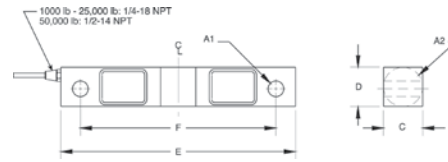
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	EZ Mount	82

DSR

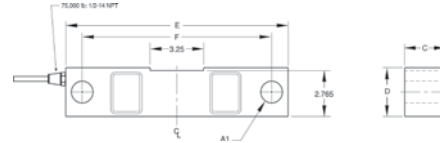
Double-Ended Shear Beam, Alloy Steel IP67



Picture is a representation of actual product



1000-50,000 lb/ 453.6-22,679.6 kg



75,000 lb/34,019.5 kg

Specifications

Full Scale Output:
3.0mV/V

Output Resistance:
700 ohms +/- 5

Input Resistance:
770 ohms +/- 10

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Operating range
0°F to 150°F/-18°C to 65°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:
1000-3000 lb=.01 in/.3.1 mm,
5000 lb=.015 in/.4 mm,
10,000-20,000 lb=.022 in/.6 mm,
25,000 lb=.036 in/.9 mm,
50,000 lb=.052 in/1.3.1 mm,
75,000 lb=.07 in/1.8 mm

Seal Type:
Environmentally sealed, IP67

Cable Length:
25 ft/7.6 m

Cable Diameter:
.200 polyurethane jacket 1 k-25 k
.305 polyurethane jacket 50 k-75 k

Cable Color Code:
Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	C	D	E	F	G
lb/inches							
1000-5000	.50	1.25	1.25	1.25	7.50	6.25	.69
10,000-25,000	.81	1.99	1.44	1.94	8.75	7.50	.96
50,000	1.31	3.00	2.44	2.94	13.50	11.50	1.50
75,000	1.31	—	2.44	2.94	13.50	11.50	1.47
kg/mm							
453.6-2268.0	12.7	31.8	31.8	31.8	190.5	158.8	17.5
4535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5	24.4
22,679.7	33.3	76.2	62.0	74.7	342.9	292.1	38.1
34,019.5	33.3	—	62.0	74.7	342.9	292.1	37.3

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	30080	\$495.00
1500 lb (680.4 kg)	30081	495.00
2000 lb (907.2 kg)	30088	495.00
2500 lb (1134.0 kg)	30089	495.00
3000 lb (1360.8 kg)	30091	495.00
5000 lb (2268.0 kg)	30094	495.00
10,000 lb (4535.9 kg)	30095	575.00
15,000 lb (6803.9 kg)	30096	575.00
20,000 lb (9071.9 kg)	30097	575.00
25,000 lb (11,339.8 kg)	30098	575.00
50,000 lb (22,679.6 kg)	30099	825.00
*75,000 lb (34,019.5 kg)	30100	825.00

*75,000 lb capacity has a square center

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75016	151
Vishay Sensortronics	65016	308
Vishay Revere Transducers	5203	—

Weigh Module Available

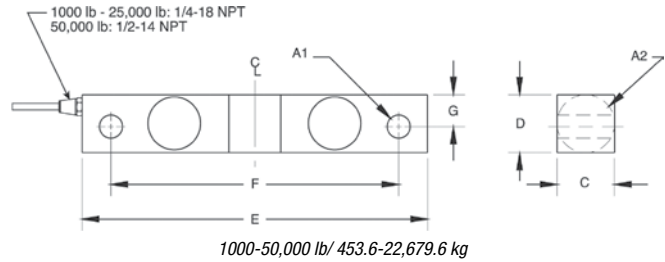
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	90 and 92

DSR-HSS

Double-Ended Shear Beam, Stainless Steel Welded-seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
700 ohms +/- 5

Input Resistance:
770 ohms +/- 10

Material/Finish:
Stainless steel

Temperature:
Operating range
0°F to 150°F/-18°C to 65°C

Safe Overload:
150% Full scale

Safe Silead:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.07% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:

1000-3000 lb=.01 in/.3.1 mm,
5000 lb=.015 in/.4 mm,
10,000-20,000 lb=.022 in/.6 mm,
25,000 lb=.036 in/.9 mm,
50,000 lb=.052 in/1.3.1 mm,

Seal Type:
Welded-seal, IP67

Cable Length:
25 ft/7.6 m

Cable Diameter:
.200 polyurethane jacket 1 k-25 k
.305 polyurethane jacket 50 k

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	C	D	E	F	G
lb/inches							
1000-5000	.50	1.25	1.25	1.25	7.50	6.25	.69
10,000-25,000	.81	1.99	1.44	1.94	8.75	7.50	.96
50,000	1.31	3.00	2.44	2.94	13.50	11.50	1.50
kg/mm							
453.6-2268.0	12.7	31.8	31.8	31.8	190.5	158.8	17.5
4535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5	24.4
22,679.7	33.3	76.2	62.0	74.7	342.9	292.1	38.1

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	76544	\$535.00
5000 lb (2268.0 kg)	76549	535.00
10,000 lb (4535.9 kg)	76550	600.00
15,000 lb (6803.9 kg)	76551	600.00
20,000 lb (9071.9 kg)	76552	600.00
25,000 lb (11,339.8 kg)	76553	600.00
50,000 lb (22,679.6 kg)	76554	1,295.00

Interchangeable Products

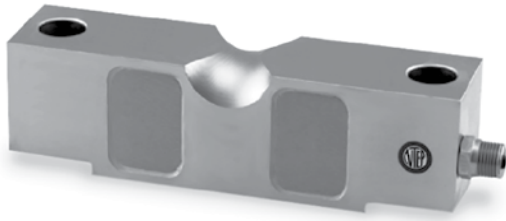
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75016 SS	152
Vishay Sensortronics	65016W	309
Vishay Revere Transducers	9203	—

Weigh Module Available

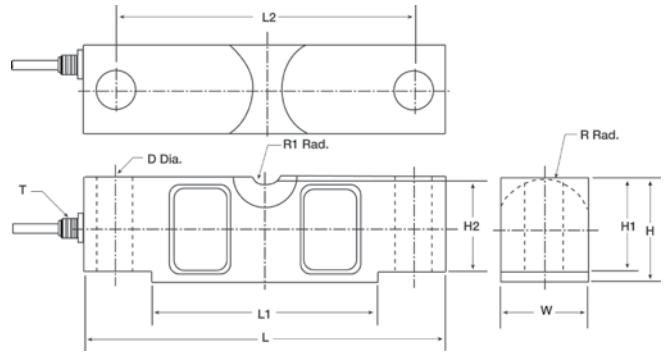
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	90 and 92

CLB



Double-Ended Beam, Alloy Steel NTEP 1:10,000 Class IIIL Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Safe Overload: 150% Full scale	Seal Type: Environmentally sealed, IP67	Warranty: One-year limited warranty
Output Resistance: 700 ohms +/- 5	Safe Sideload: 100% Full scale	Cable Length: 35 ft/10.6 m	Approvals:  
Input Resistance: 770 ohms +/- 10	Rated Excitation: 10V DC (15V maximum)	Cable Diameter: .200 polyurethane jacket 20 k-25 k .305 polyurethane jacket 40 k-125 k	
Material/Finish: High-alloy steel, nickel plated	Combined Error: 0.025%	Cable Color Code: Red+ Excitation Black.....- Excitation Green.....+ Signal White- Signal	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Insulation Resistance: 5000 megohms		

Dimensions

RATED CAPACITY	L	L1	L2	W	H	H1	H2	D	R	R1	T
lb/inches											
20,000-25,000	7.75	4.99	6.50	1.69	1.94	1.70	1.63	.68	.90	.75	1/4-18 NPT
40,000	10.25	6.39	8.50	1.94	2.44	2.10	2.00	.81	1.12	1.00	1/4-18 NPT
50,000-75,000	10.25	6.39	8.50	2.44	2.94	2.65	2.54	1.06	1.37	1.00	1/2-14 NPT
100,000-125,000	15.25	8.99	12.75	2.90	3.86	2.43	3.30	1.62	1.80	1.50	1/2-14 NPT
kg/mm											
9072.0-11,340.0	196.9	126.7	165.1	42.9	49.3	43.2	41.4	17.3	22.9	19.1	1/4-18 NPT
18,144.0	260.4	162.3	215.9	49.3	62.0	53.3	50.8	20.6	28.5	25.4	1/4-18 NPT
22,680.0-34,020.0	260.4	162.3	215.9	62.0	74.7	67.3	64.5	26.9	34.8	25.4	1/2-14 NPT
45,360.0-56,700.0	387.4	228.4	323.9	73.7	98.0	87.1	83.8	41.2	45.7	38.1	1/2-14 NPT

Order Information

LOAD RATING	PART #	PRICE
20,000 lb (9071.9 kg)	46675	\$610.00
25,000 lb (11,339.8 kg)	46676	625.00
40,000 lb (18,144.0 kg)	46677	745.00
50,000 lb (22,679.6 kg)	46678	810.00
60,000 lb (27,216.0 kg)	46679	810.00
75,000 lb (34,019.5 kg)	46680	810.00
100,000 lb (45,360.0 kg)	46681	1,475.00
125,000 lb (56,700.0 kg)	46682	1,475.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75058	154
Vishay Sensortronics	65058	311

Weigh Module Available

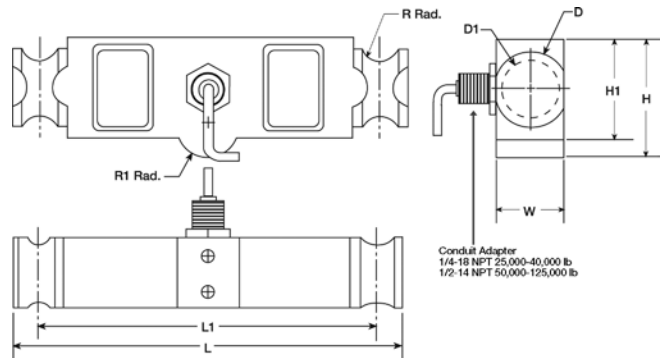
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	MVS	94
Rice Lake Weighing Systems	TSA	96

DLB

Double-Ended Beam, Alloy Steel NTEP 1:10,000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

700 ohms +/- 5

Input Resistance:

770 ohms +/- 10

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Combined Error:

0.025% Full Scale

Insulation Resistance:

5000 megohms

Seal Type:

Environmentally sealed, IP67

Cable Length:

35 ft/10.6 m

Cable Diameter:

.200 polyurethane jacket 25 k
.305 polyurethane jacket 40 k-125 k

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green.....+ Signal
White.....- Signal

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	L	L1	W	H	H1	D	D1	R	R1
lb/inches									
25,000-40,000	8.25	7.25	1.94	2.97	2.44	2.00	1.63	.50	.50
50,000-75,000	11.50	10.00	1.94	3.47	2.94	2.20	1.70	.75	1.00
100,000-125,000	14.50	12.50	2.90	4.68	3.86	3.20	2.44	1.00	1.50
kg/mm									
11,339.8-18,144.0	209.6	184.2	49.3	75.5	62.0	50.8	41.4	12.7	12.7
22,679.6-34,019.5	292.1	254.0	49.3	88.2	74.7	55.9	43.2	19.1	25.4
45,360.0-56,700.0	368.3	317.5	73.7	118.9	98.0	81.3	62.0	25.4	38.1

Order Information

LOAD RATING	PART #	PRICE
25,000 lb (11,339.8 kg)	46684	\$615.00
40,000 lb (18,144.0 kg)	46685	740.00
50,000 lb (22,679.6 kg)	46686	825.00
60,000 lb (27,216.0 kg)	46687	825.00
75,000 lb (34,019.5 kg)	46688	825.00
100,000 lb (45,360.0 kg)	46689	1,475.00
125,000 lb (56,700.0 kg)	46690	1,475.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75040	158
Vishay Sensortronics	65040A	314
Thurman	TSC 840	—

Weigh Module Available

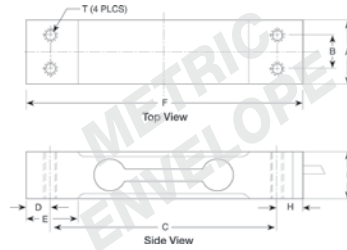
MANUFACTURER	MODEL	PAGE
Rice Lake Weighing Systems	Translink	98

LPS

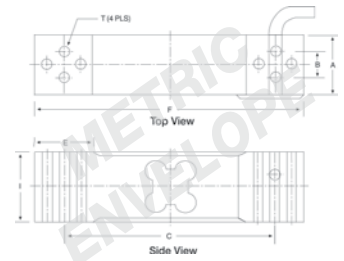
Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



3 kg - 35 kg



60 kg - 100 kg

Specifications

Full Scale Output:

2.0mV/V

Output Resistance:

350 ohms +/- 3

Input Resistance:

410 ohms +/- 15

Material/Finish:

Aluminum

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Rated Excitation:

10V DC (15V maximum)

Combined Error:

0.25% Full scale

Non-Repeatability:

0.02%

Insulation Resistance:

5000 megohms

Seal Type:

Environmentally sealed

Cable Length:

16.5 in except 60 kg (14 in) and
100 kg (6 ft6 in)

Cable Diameter:

.14 PVC jacket

Cable Color Code:

Red+ Excitation
Blue- Excitation
Green+ Signal
White- Signal

Max Platform Size:

13.75 in x 13.75 in

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	H	I	T
kg/mm									
3	15.0	7.0	58.0	6.0	12.0	70.0	6.0	22.0	M3 x 0.5
6-20	30.0	15.0	106.0	12.0	25.0	130.0	12.0	22.0	M6 x 1.0
30-35	40.0	15.0	106.0	12.0	25.0	130.0	12.0	22.0	M6 x 1.0
60-100	35.0	15.0	117.0	N/A	N/A	150.0	N/A	40.0	M6 x 1.0
lb/inches									
6.6	0.59	0.28	2.28	0.24	0.47	2.76	0.24	0.87	M3 x 0.5
13.2-44.1	1.18	0.59	4.17	0.47	0.98	5.12	0.47	0.87	M6 x 1.0
66.2-77.2	1.57	0.59	4.17	0.47	0.98	5.12	0.47	0.87	M6 x 1.0
132.3-220.5	1.38	0.59	4.61	N/A	N/A	5.91	N/A	1.57	M6 x 1.0

Order Information

LOAD RATING		PART #	PRICE
NTEP 1:5000			
3 kg	(6.6 lb)	41822	\$130.00
6 kg	(13.2 lb)	41823	130.00
10 kg	(22.0 lb)	41824	130.00
15 kg	(33.1 lb)	41825	130.00
20 kg	(44.1 lb)	41826	130.00
Non-NTEP			
3 kg	(6.6 lb)	30143	120.00
10 kg	(22.0 lb)	30145	120.00
15 kg	(33.1 lb)	30146	120.00
20 kg	(44.1 lb)	30147	120.00
30 kg	(66.2 lb)	46502	120.00
35 kg	(77.2 lb)	30148	120.00
60 kg	(132.3 lb)	41149	120.00
100 kg	(220.5 lb)	41150	120.00

Interchangeable Products

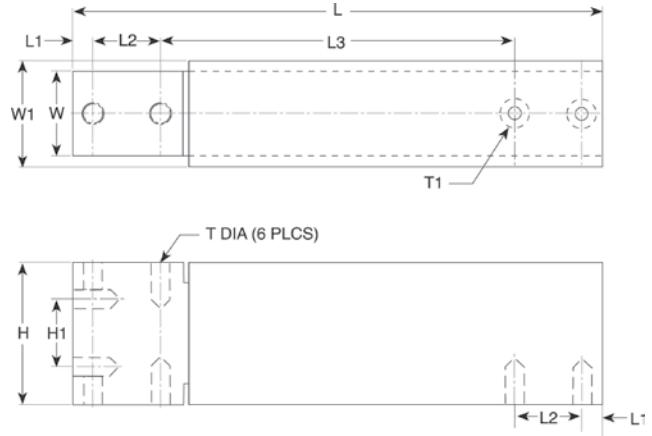
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1521A	168
Vishay BLH	C2G1	—
NMB®	C2G1	—
Vishay TedeA-Huntleigh	1022	328

LOC

Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V	Safe Overload: 150% Full scale	Seal Type: Environmentally sealed	Max Platform Size: 16 in x 16 in
Output Resistance: 350 ohms +/- 3	Rated Excitation: 10V DC (15V maximum)	Cable Length: NTEP: 3 m/10 ft NON-NTEP: 1 m/5 ft	Warranty: One-year limited warranty
Input Resistance: 410 ohms +/- 10	Combined Error: 0.25% Full scale	Cable Diameter: .200 PVC jacket	Approvals:
Material/Finish: Aluminum	Non-repeatability: 0.02%	Cable Color Code: Red+ Excitation Black.....- Excitation Green.....+ Signal White- Signal	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Insulation Resistance: 5000 megohms		

Dimensions

RATED CAPACITY	H	H1	L	L1	L2	L3	T	T1	W1	W
kg/mm										
5-100	40.0	19.0	150.0	6.0	19.0	100.0	1/4-20 UNC	1/4-28 UNF	25.0	30.0
lb/inches										
11.0-220.5	1.57	.75	5.91	.24	.75	3.94	1/4-20 UNC	1/4-28 UNF	1.00	1.18

Order Information

LOAD RATING	PART #		PRICE
NTEP 1:5000			
5 kg	(11 lb)	39810	\$175.00
7 kg	(15.4 lb)	39809	175.00
10 kg	(22.0 lb)	39808	175.00
15 kg	(33.1 lb)	39807	175.00
20 kg	(44.1 lb)	39806	175.00
30 kg	(66.1 lb)	39805	175.00
50 kg	(110.2 lb)	39804	175.00
100 kg	(220.5 lb)	39803	175.00

Interchangeable Products

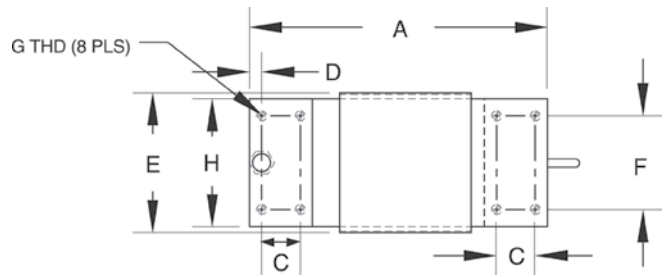
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1040	174
Vishay TedeA-Huntleigh	1040	333

LOC

Single Point, Aluminum, Heavy Capacity NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V Output Resistance: 350 ohms +/- 3 Input Resistance: 410 ohms +/- 10 Material/Finish: Aluminum Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 150% Full scale Rated Excitation: 10V DC (15V maximum) Combined Error: 0.025% Full scale Non-Repeatability: 0.02% Insulation Resistance: 5000 megohms	Seal Type: Environmentally sealed Cable Length: 3 m/10 ft Cable Diameter: .200 PVC jacket Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal	Max Platform Size: 24 in x 24 in Warranty: One-year limited warranty Approvals:
--	--	--	--

Dimensions

RATED CAPACITY	A	C	D	E	F	G	H
kg/mm							
100-500	191.0	25.0	11.0	82.0	60.0	5/16-18 UNC x 20 DP	75.0
lb/inches							
220.5-1102.5	7.52	.98	.31	3.23	2.36	5/16-18 UNC x 0.59 DP	2.95

Order Information

LOAD RATING	PART #	PRICE
100 kg (220.5 lb)	39797	\$295.00
150 kg (330.7 lb)	39796	295.00
250 kg (551.2 lb)	39795	295.00
300 kg (661.4 lb)	39794	295.00
500 kg (1102.3 lb)	39793	295.00

Interchangeable Products

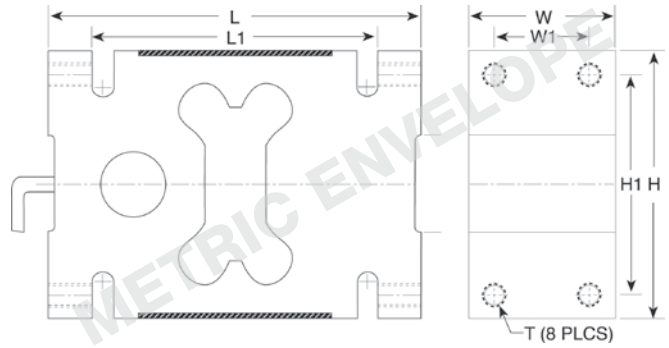
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1250	179
Vishay TedeA-Huntleigh	1250	343
Rice Lake Weighing Systems	RLPWM12	171
HBM	PW12	247

HOC

Single Point



Picture is a representation of actual product



VPG CELTRON

Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
350 ohms +/- 3

Input Resistance:
410 ohms +/- 10

Material/Finish:
Anodized aluminum

Temperature:
Compensated range
0°F to 150°F/-18°C to 65°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Total Error:
0.02% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Environmentally sealed, potted

Cable Length:
6 m/20 ft

Cable Color Code:
Red+ Excitation
Black.....- Excitation
Green.....+ Signal
White.....- Signal

Max Platform Size:
4 ft x 4 ft

Warranty:
One-year limited warranty

Approvals:

Dimensions

RATED CAPACITY	H	H1	L	L1	T	W	W1
kg/mm							
750-2000	125	95.0	176.0	134.5	M16 x 2-6H	76.0	46.0
lb/inches							
1653.8-4409.2	4.92	3.74	6.93	5.30	M16 x 2-6H	2.99	1.81

Order Information

LOAD RATING	PART #	PRICE
750 kg (1653.8 lb)	42117	\$400.00
1000 kg (2205.0 lb)	42118	400.00
2000 kg (4410.0 lb)	42119	400.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Vishay TedeA-Huntleigh	1320	344

www.ricelake.com | Phone: 800-472-6703

VISHAY
PRECISION
GROUP
CELTRON

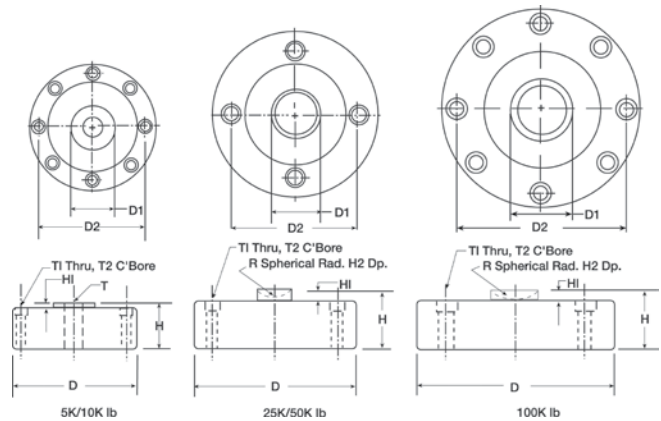
LCD

Compression* Disk, Alloy Steel



Picture is a representation of actual product

Load cup sold separately on 5,000 and 10,000 lb models.



Specifications

Full Scale Output:

4.0 mV/V

Output Resistance:

350 ohms +/- 3 (5K - 50K)
700 ohms +/- 5 (100K)

Input Resistance:

385 ohms +/- 5 (5K - 50K)
770 ohms +/- 70 (100K)

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Rated Excitation:

15V DC (15V maximum)

Nonlinearity:

0.05% Full scale

Hysteresis:

0.02% Full scale

Insulation Resistance:

2000 megohms

Seal Type:

Environmentally sealed, IP67

Cable Length:

50 ft/15.2 m

Cable Diameter:

.200 polyurethane jacket 5 k-25 k
.305 polyurethane jacket 50 k-100 k

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	T	R	D	D2	H	H1	H2	T1	T2
lb/inches									
5,000-10,000	5/8-18 UNF-3B	—	4.12	3.50	1.37	.12	—	.28	.406 x .283 DP
25,000-50,000	—	.875	4.75	4.00	2.12	.50	.31	.34	.508 x .38 DP
100,000	—	.875	5.43	4.60	2.25	.25	.31	.41	.626 x .4 DP
kg/mm									
2268.0*-4539.9*	5/8-18 UNF-3B	—	104.6	34.8	34.8	3.05	7.6	7.2	10.3 x 7.2 DP
11,339.8-22,679.7	—	22.2	120.7	101.6	53.8	12.7	8.0	8.7	12.9 x 9.7 DP
45,359.4	—	22.2	138.0	116.8	57.2	6.4	8.0	10.3	10.3 x 10.2 DP

Order Information

LOAD RATING	PART #	PRICE
*5000 lb (2268.0 kg)	41966	\$600.00
*10,000 lb (4535.9 kg)	41967	600.00
25,000 lb (11,339.8 kg)	41968	775.00
50,000 lb (22,679.7 kg)	41969	775.00
100,000 lb (45,359.4 kg)	41970	920.00
Ball 1.25" diameter	65841	27.00
*Load Cup	33616	35.00

*5000 lb and 10,000 lb models can be used in compression and tension load applications. Load cup, part # 33616, is required for compression applications on 5000 lb and 10,000 lb capacity load cells

Interchangeable Products

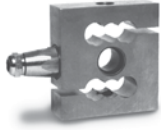
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL90000	163

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S-Beams

Page 214

UB1, Stainless Steel



The UB1 stainless steel S-beam is designed for single or multiple-cell tension load applications. Millivolt/volt/ohm factory calibration assures matched outputs for easy calibration in multiple-cell applications. It features true hermetic sealing of both the strain gauge area and the cable entry, providing the ultimate in protection from outside elements. Exclusive 20 ft/6.1 m field-replaceable load cell cable simplifies cable and load cell repairs. Capacities from 1125 to 11,250 lb (1 kN to 50 kN/102.1 to 5102.9 kg).



Page 215

UB6, Stainless Steel



The UB6 stainless steel S-beam is designed to meet the most stringent accuracy requirements. Exclusive 10 ft/3.1 m field-replaceable load cell cable simplifies cable and load cell repairs. Capacities from 225 to 1125 lb (1 kN to 5 kN/102.1 to 510.3 kg).



Single-Ended Beams

Page 216

SLB, Stainless Steel



This stainless steel single-ended beam has one of the highest NTEP ratings in the industry. A new generation of potting makes this cell suitable for tough industrial environments. Capacities from 200 to 5000 lb (44.0 to 2268 kg). Complete with 10 ft/3.1 m of load cell cable.



Page 217

SB4, Stainless Steel



The SB4 stainless steel single-ended beam is designed for multiple-cell applications such as floor scales and tank, bin and hopper weighing systems. It is used exclusively in Rice Lake Weighing Systems' Paramounts® HS mounting systems. Millivolt/volt/ohm factory calibration assures matched outputs for easy calibration. It features true hermetic sealing of both the strain gauge area and the cable entry, providing the ultimate in protection from outside elements. Exclusive field-replaceable load cell cable simplifies cable and load cell repairs. NTEP Certified capacities from 1125 to 11,250 lb (5 kN to 50 kN/510.3 to 5102.9 kg) Non-NTEP 22,500 (100 kN) 10,205.8 kg



Page 218

SB5, Stainless Steel



The SB5 stainless steel single-ended beam is designed for multiple-cell applications such as floor scales and tank, bin and hopper weighing systems. It is used exclusively in Rice Lake Weighing Systems' Paramounts® EP mounting systems. Millivolt/volt/ohm factory calibration assures matched outputs for easy calibration. NTEP Certified capacities from 1125 to 11,250 lb (5 kN to 50 kN/510.3 to 5102.9 kg); Non-NTEP capacity of 22,500 lb (100 kN/10,202.5.8 kg).



Page 219

BK2, Stainless Steel



The BK2 is the latest offering from one of the premiere suppliers of quality load cells in the world. This new model was designed to lower the scale profile by providing a load cell that is half the overall height of the traditional solution. Ideal for applications such as low-profile floor scales, this model is constructed of stainless steel and has been environmentally potted to provide suitable protection for indoor applications. In addition, the standard calibration technique used by Flintec avoids time-consuming calibration for multiple load cell applications. The BK2 is available in capacities from 200 kg to 2000 kg and includes 10 ft/3.1 m of standard cable.



Page 220

SB6, Stainless Steel



The SB6 load cell is a stainless steel, fully hermetically sealed single-ended beam suitable for the harshest environments. The special loading hole provides an excellent price-to-performance ratio, and also allows a very low-profile design. Capacities from .2-2 kN (44.1 to 441.0 lb). Complete with 10 ft/3.1 m of load cell cable.



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Single-Ended Beams

Page 221 SB10, Stainless Steel



The SB10 load cell is used in the 2.3 kN Paramount assemblies. This stainless steel, hermetically sealed load cell provides full IP68 sealing protection for the harshest environments. Ideal for use in multiple cell floor scale, tank and hopper applications. The unique millivolt/volt/ohm factory calibration assures matched outputs for easy field replacement and calibrations. The capacities of this model are 520 lb (2.5 kN). Each unit is supplied complete with 10 ft/3.1 m of load cell cable.



Page 222 SB14, Stainless Steel



The SB14 load cell is a stainless steel, fully hermetically sealed single-ended beam suitable for the harshest environments. Capacities from 1000 to 5000 kg (2205.0 to 11,025 lb). Complete with 10' / 3.1 m load cell cable.



Compression Canisters

Page 223 RC1, Stainless Steel



The RC1 load cell offers stainless steel and real hermetic sealing, making these cells suitable for use in tough industrial environments. Exclusive field-replaceable load cell cable simplifies cable and load cell repairs. Capacities of 56,000 and 90,000 lb (250 kN and 400 kN/25,401.6 and 40,824.0 kg). Each unit is supplied complete with 32 ft/9.8 m load cell cable.



Page 224 RC3, Stainless Steel, Hermetically Sealed








The RC3 is a stainless steel, hermetically sealed load cell. This rocker design provides superior performance and full hermetic design in applications where moisture and high humidity are problems. Available in capacities from 30t to 50t and each unit comes with 59 ft (18m) of cable.



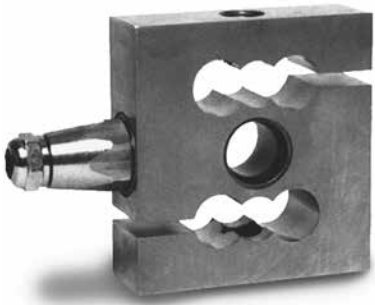
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Single Points

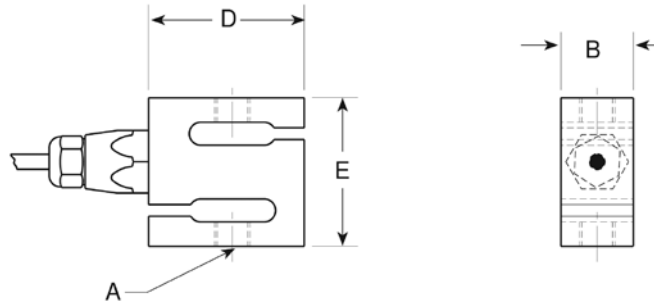
Page 225	PCB, Stainless Steel, Hermetically Sealed	<p>The PCB is the first full stainless steel, hermetically sealed “brick” type of load cell on the market. This unique design provides superior protection in applications where moisture and high humidity are problems. This model features both a welded gauge cavity area, and waterproof cable entry for long-lasting performance in almost any platform scale application. Interchangeable with the industry’s most popular designs, this model provides the ability to upgrade applications. Available in capacities from 110.2 to 2205 lb, (50 to 1000kg), each unit including 10 ft/3.1 m of cable.</p>	
Page 226	PC1, Stainless Steel	<p>The PC1 load cells offer stainless steel and environmentally protected seal, making these cells suitable for use in tough industrial environments. Capacities from 33.1 to 441.0 lb (15 to 200 kg).</p>	
Page 227	PC6, Stainless Steel	<p>The PC6 load cells offer stainless steel and real hermetic sealing, making these cells suitable for use in tough industrial environments. Exclusive 3.3 ft/1 m field-replaceable load cell cable simplifies cable and load cell repairs. Capacities from 44.1 to 220.5 lb (20 to 100 kg).</p>	
Page 228	PC7, Stainless Steel	<p>The stainless steel, hermetically sealed PC7 is ideal for washdown applications. Sealed to IP68/IP69K standards, the PC7 comes standard with 3 meters of cable and an integrated mounting spacer making installation easy.</p>	
Planar Beam			
Page 229	PB, Aluminum	<p>The Flintec PB planar beam is an inexpensive alternative for low profile, light capacity applications. The compact size and mv/v per ohm calibration simplifies installation. Capacities range from 15 kg to 150 kg and includes 3.3 ft/1 m of cable.</p>	

UB1

S-Beam, Stainless Steel Hermetically Sealed, IP68



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0mV/V**

Output Resistance:
1000 ohms +/- 2

Input Resistance:
1100 ohms +/- 50

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
200% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0 to -0.03% Full scale

Hysteresis:
0 to +0.05% Full scale

Total Error:
±.03%

Insulation Resistance:
10,000 megohms

Seal Type:
Hermetically sealed, IP68

Cable Length:
20 ft/6.1 m

Cable Diameter:
.196 polyurethane jacket

Cable Color Code:
Green+ Excitation
Black- Excitation
White+ Signal
Red- Signal
Yellow Shield

Warranty:
One-year limited warranty

Approvals:

 Available upon request

Dimensions

RATED CAPACITY	A	B	D	E
lb/inches				
2250-4500 (10 kN-20 kN*)	5/8-18	1.18	3.38	3.62
11,250 (50 kN*)	1-12 UNF	1.69	5.62	5.37
kg/mm				
1020.6-2358.7 (10 kN-23 kN*)	5/8-18	30.0	85.9	92.0
5102.9 (50 kN*)	1-12	42.9	68.1	136.4

Order Information

LOAD RATING	PART #	PRICE
UB1		
2250 lb (10 kN*) (1020.6 kg)	17073	\$695.00
4500 lb (20 kN*) (2358.7 kg)	17074	695.00
11,250 lb (50 kN*) (5102.9 kg)	17075	895.00
Conduit Adapter, 1/2-14 NPT	17703	35.00

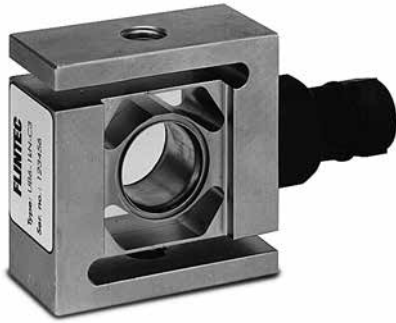
*kN=Kilonewtons, 1 kN=224.8089 lb

**Matched outputs via mV/V/ohm calibration

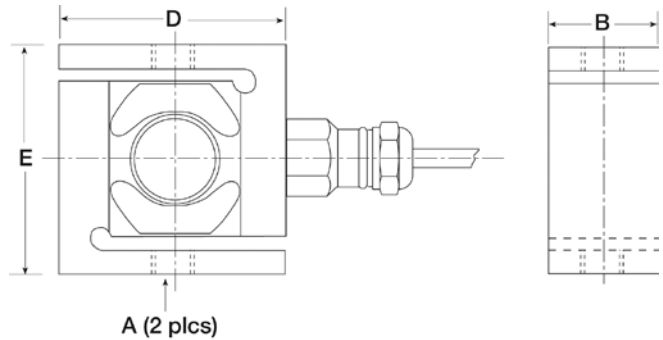
Also available with metric threads

UB6

S-Beam, Stainless Steel OIML C3, Hermetically sealed, IP68



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V**

Output Resistance:
1000 ohms +/- 2

Input Resistance:
1100 ohms +/- 50

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F / -10°C to 40°C

Safe Overload:
200% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.02% Full scale

Insulation Resistance:
5,000 megohms

Seal Type:
Hermetically sealed, IP68

Cable Length:
20 ft/6.1 m

Cable Diameter:
.196 polyurethane jacket

Cable Color Code:
Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal
Yellow Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	D	E
lb/inches				
225-1125 (1 kN-5 kN*)	1/2-20 UNF	1.20	2.42	2.42
kg/mm				
102.1-510.3 (1 kN-5 kN*)	1/2-20 UNF	30.0	61.5	61.5

Order Information

LOAD RATING		PART #	PRICE
225 lb	(1 kN*) (102.1 kg)	36214	\$595.00
450 lb	(2 kN*) (204.1 kg)	36215	595.00
1125 lb	(5 kN*) (510.3 kg)	36216	595.00

*kN=Kilonewtons, 1 kN=224.8089 lb

**Matched outputs via mV/V/ohm calibration

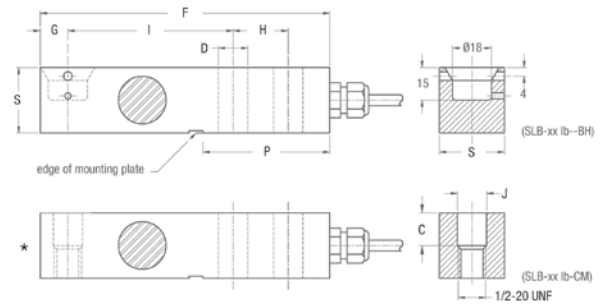
Also available with metric threads

SLB

Single-Ended Beam, Stainless Steel NTEP, 1:4000 Class III Single Cell/1:7500 Class III Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V Output Resistance: 1000 ohms +/- 2 Input Resistance: 1100 ohms +/- 50 Material/Finish: Stainless steel Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 200% Full scale Safe Sideload: 100% Full scale Rated Excitation: 10V DC (15V maximum) Insulation Resistance: 5000 megohms Combined Error: 0.01% Full scale	Seal Type: Environmentally sealed Cable Length: 10 ft/3.1 m Cable Diameter: .196 polyurethane jacket	Cable Color Code: Green+ Excitation Black.....- Excitation White+ Signal Red- Signal Yellow Shield Warranty: One-year limited warranty Approvals: Available upon request
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Dimensions

RATED CAPACITY	C	D	F	G	H	I	J	P	S
lb/inches									
200-5000	.59	.51	5.37	.50	1.00	3.00	51	2.42	1.19
kg/mm									
91-2268	15.1	13	136.3	12.7	25.4	76.2	12.0	61.4	30.1

Order Information: Blind Hole

LOAD RATING	PART#	PRICE
200 lb (91 kg)	77422	\$325.00
500 lb (226.8 kg)	77423	325.00
1000 lb (453.6 kg)	68527	325.00
2500 lb (1134 kg)	68528	325.00
5000 lb (2268 kg)	68529	325.00

Interchangeable Products

MANUFACTURER	MODEL
*Fairbanks®	LCF-HR4050-3

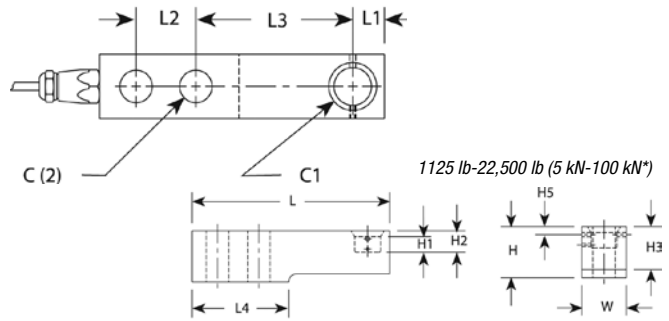
*Stainless overbraid cable

SB4

Single-Ended Beam, Stainless Steel NTEP 1:5000 Class III Multiple Cell, Hermetically sealed, IP69K



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V ± 0.07% **

Output Resistance:
1000 ohms +/- 2

Input Resistance:
1100 ohms +/- 50

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F / -10°C to 40°C

Safe Overload:
200% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0 to -0.03% Full scale

Hysteresis:
0 to +0.05% Full scale

Combined Effect of Nonlinearity and Hysteresis:
± 0.03% Full scale

Insulation Resistance:
10,000 megohms

Deflection at Capacity:
2250 lb = .012 in / 3.1 mm,
5200 lb = .02 in / 5 mm,
11,250 lb = .012 in / 3.1 mm,
22,500 lb = .016 in / 4 mm

Seal Type:
Hermetically sealed, IP69K

Cable Length:
225-5200 lb = 10 ft / 3.1 m
11,250-22,500 lb = 15 ft / 4.6 m

Cable Diameter:
.196 polyurethane jacket

Cable Color Code:

- Green + Excitation
- Black - Excitation
- White + Signal
- Red - Signal
- Yellow Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	C	C1	H	H1	H2	H3	H5	L	L1	L2	L3	L4	W
lb/inches													
1125-5200 (5-23 kN*)	.53	.71	1.42	.39	.59	1.19	.16	6.10	.59	1.38	3.15	2.98	1.18
11,250 (50 kN*)	.85	.98	1.93	.58	.81	1.62	.31	7.48	.83	1.57	4.13	3.66	1.69
22,500 (100 kN*)	1.06	1.18	2.87	.82	1.21	2.43	—	9.65	1.19	1.97	5.31	4.72	2.36
kg/mm													
102.1-235.9 (1-2.3 kN*)	—	8.6	30.0	—	14.2	4.8	3.1	129.8	9.7	18.0	82.0	50.8	30.0
510.3-2358.7 (5-23 kN*)	13.5	18.0	36.1	9.9	15.0	30.2	4.1	154.9	15.0	35.1	80.0	75.7	30.0
5102.9 (50 kN*)	21.6	24.9	49.0	14.7	20.6	41.2	7.9	190.0	21.1	39.9	104.9	93.0	42.9
10,205.8 (100 kN*)	26.9	30.0	72.9	20.8	30.7	61.7	—	245.1	30.2	50.0	134.9	119.9	59.9

Order Information

LOAD RATING	PART #	PRICE
NTEP 1:5000		
1125 lb (5 kN*/510.3 kg)	26662	\$650.00
2250 lb (10 kN*/1020.6 kg)	26663	650.00
5200 lb (23 kN*/2358.7 kg)	26664	650.00
11,250 lb (50 kN*/5102.9 kg)	26665	725.00
Non-NTEP		
1125 lb (5 kN*/510.3 kg)	17390	595.00
2250 lb (10 kN*/1020.6 kg)	17391	595.00
5200 lb (23 kN*/2358.7 kg)	17392	595.00
11,250 lb (50 kN*/5102.9 kg)	17393	650.00
22,500 lb (100 kN*/10,205.8 kg)	17394	895.00
Conduit Adapter, 1/2-14 NPT	17703	35.00

*kN=Kilonewtons, 1 kN=224.8089 lb

**Matched outputs via mV/V/ohm calibration

30' Cables

LOAD RATING	PART #	PRICE
NTEP 1:5000		
1125 lb (5 kN/510.29 kg)	100164	\$755.00
2250 lb (10 kN/1020.58 kg)	100165	755.00
5200 lb (23 kN/2358.68 kg)	100166	755.00
11250 lb (50 kN/5102.91 kg)	100167	895.00
Non-NTEP		
1125 lb (5 kN/510.29 kg)	100169	685.00
2250 lb (10 kN/1020.58 kg)	100170	685.00
5200 lb (23 kN/2358.68 kg)	100171	685.00
11250 lb (50 kN/5102.91 kg)	100173	765.00
22500 lb (100 kN/10205.82 kg)	100168	950.00

Weigh Module Available

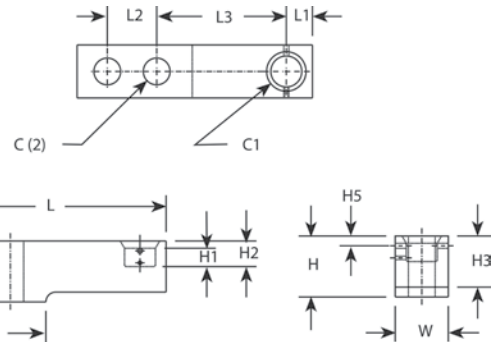
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	Paramounts® HS, HE	56

SB5

Single-Ended Beam, Stainless Steel NTEP 1:5000 Class III Multiple Cell



Picture is a representation of actual product
Available upon request



Specifications

Full Scale Output: 2.0 mV/V ± .07%** Output Resistance: 1000 ohms +/- 2 Input Resistance: 1100 ohms +/- 50 Material/Finish: Stainless steel Temperature: Compensated range 14°F to 104°F / -10°C to 40°C Safe Overload: 200% Full scale	Safe Sideload: 100% Full scale Rated Excitation: 10V DC (15V maximum) Nonlinearity: 0 to -0.03% Full scale Hysteresis: 0 to +0.05% Full scale Combined Effect of Nonlinearity and Hysteresis: ±.03% Full scale Insulation Resistance: 10,000 megohms	Deflection at Capacity: 1125 lb = .008 in / .2 mm, 2250 lb = .012 in / .31 mm, 4500 lb = .02 in / .5 mm, 11,250 lb = .012 in / .31 mm Seal Type: Environmentally sealed Cable Length: 1125-4500 lb = 10 ft / 3.1 m 11,250-22,500 lb = 15 ft / 4.6 m Cable Diameter: .196 polyurethane jacket	Cable Color Code: Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield Warranty: One-year limited warranty Approvals: Available upon request
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Dimensions

RATED CAPACITY	C	C1	H	H1	H2	H3	H5	L	L1	L2	L3	L4	W
lb/inches													
1125-4500 (5-20 kN*)	.53	.71	1.42	.39	.59	1.19	.16	6.10	.59	1.38	3.15	2.98	1.18
11,250 (50 kN*)	.85	.98	1.93	.58	.81	1.62	.31	7.48	.83	1.57	4.13	3.66	1.69
22,500 (100 kN*)	1.06	1.18	2.87	.82	1.21	2.43	—	9.65	1.19	1.97	5.31	4.72	2.36
kg/mm													
510.3-2041.2 (5-20 kN*)	13.5	18.0	36.1	9.9	15.0	30.2	4.1	154.9	15.0	35.1	80.0	75.7	30.0
5102.9 (50 kN*)	21.6	24.9	49.0	14.7	20.6	41.2	7.9	190.0	21.1	39.9	104.9	93.0	42.9
10,205.8 (100 kN*)	26.9	30.0	72.9	20.8	30.7	61.7	—	245.1	30.2	50.0	134.9	119.9	59.9

Order Information

LOAD RATING	PART #	PRICE
NTEP 1:5000		
1125 lb (5 kN*/510.3 kg)	33387	\$395.00
2250 lb (10 kN*/1020.6 kg)	33388	395.00
4500 lb (20 kN*/2041.2 kg)	33389	395.00
11,250 lb (50 kN*/5102.9 kg)	33390	525.00
Non-NTEP		
22,500 lb (100 kN*/10,205.8 kg)	33391	795.00

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	Paramounts® EP	54

*kN=Kilonewtons, 1 kN=224.8089 lb

*Matched outputs via mV/V ohm calibration

SB5-T Threaded hole obsolete

30 Ft Cables

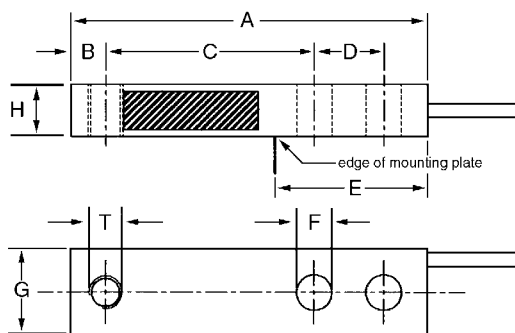
LOAD RATING	PART #	PRICE
NTEP 1:5000		
1125 lb (5 kN*/510.3 kg)	100174	\$455.00
2250 lb (10 kN*/1020.6 kg)	100175	455.00
4500 lb (20 kN*/2041.2 kg)	100176	455.00
11,250 lb (50 kN*/5102.9 kg)	100177	675.00
Non-NTEP		
22,500 lb (100 kN*/10,205.8 kg)	100178	875.00

BK2

Single-Ended Beam, Stainless Steel NTEP 1:5000 CLASS III, Multiple, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0±0.002**

Output Resistance:
1000 ohms +/- 2

Input Resistance:
1100 ohms +/- 50

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
200% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V AC/DC (15V maximum)

Combined Error:
.030%

Insulation Resistance:
5000 megohms

Seal Type:
Potted, IP67

Cable Length:
10 ft/3.1 m

Cable Diameter:
.196 polyurethane jacket

Cable Color Code:
Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal
Yellow Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I
lb/inches									
440.9	5.06	.50	3.00	1.00	2.12	.51 (2x)	1.25	.62	1/2-20 UNF
1102.5	5.06	.50	3.00	1.00	2.12	.51 (2x)	1.25	.62	1/2-20 UNF
2205.0	5.06	.50	3.00	1.00	2.12	.51 (2x)	1.25	.75	1/2-20 UNF
4410.0	5.06	.50	3.00	1.00	2.12	.51 (2x)	1.25	.99	1/2-20 UNF
kg/mm									
200***	128.5	12.7	76.2	25.4	53.8	13(2x)	31.8	16.1	1/2-20 UNF
500	128.5	12.7	76.2	25.4	53.8	13(2x)	31.8	16.1	1/2-20 UNF
1000	128.5	12.7	76.2	25.4	53.8	13(2x)	31.8	19.1	1/2-20 UNF
2000	130.2	12.7	76.2	25.4	53.8	13(2x)	31.8	25.4	1/2-20 UNF

*** NOT NTEP-approved

Order Information

LOAD RATING	PART #	PRICE
440.9 lb***	(200 kg) 84838	\$225.00
1102.5 lb	(500 kg) 84839	225.00
2205.0 lb	(1000 kg) 84840	225.00
4410.0 lb	(2000 kg) 84841	225.00

*Metric thread is available

**Matched outputs via mV/V ohm calibration

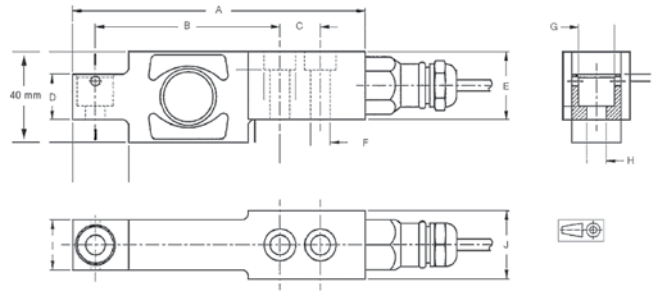
***NOT NTEP-approved

SB6

Single-Ended Beam, Stainless Steel Hermetically sealed, IP68, OIML C3



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V	14°F to 104°F/-10°C to 40°C	Insulation Resistance: 5000 megohms	Cable Color Code: Green+ Excitation Black.....- Excitation White+ Signal Red- Signal Yellow Shield
Output Resistance: 1000 ohms +/- 2	Safe Overload: 200% Full scale	Seal Type: Hermetically sealed, IP68	Warranty: One-year limited warranty
Input Resistance: 1100 ohms +/- 50	Safe Sideload: 100% Full scale	Cable Length: 10 ft/3.1 m	Approvals: FIM APPROVED OIML CE Available upon request
Material/Finish: Stainless steel	Rated Excitation: 10V DC (15V maximum)	Cable Diameter: .196 polyurethane jacket	
Temperature: Compensated range	Combined Error: 0.01% Full scale		

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J
lb/inches										
44.1-441.0	5.12	3.23	.71	.79	1.18	.34	.63	.34	.87	1.18
kn/mm										
.2-2	130.0	82.0	18.0	20.0	30.0	8.7	16.0	8.7	22.0	30.0

Order Information

LOAD RATING	PART #	PRICE
.2 kN (44.1 lb)	41163	\$495.00
.5 kN (110.2 lb)	41164	495.00
1 kN (224.8 lb)	41165	495.00
2 kN (440.9 lb)	41166	495.00

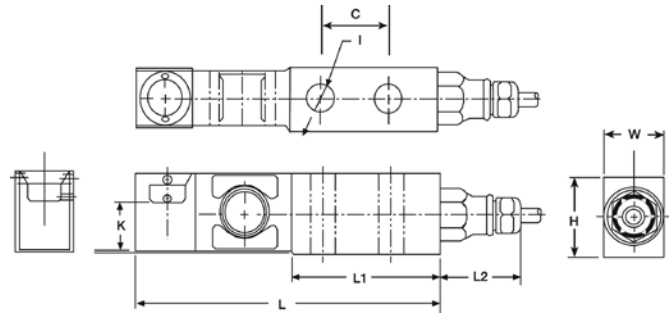
kN = Kilonewtons, 1kN = 224.8089 lb

SB10

Single-Ended Beam, Stainless Steel Hermetically sealed, IP69K



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 2.0 mV/V</p> <p>Output Resistance: 1000 ohms +/- 2</p> <p>Input Resistance: 1100 ohms +/- 50</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Compensated range 14°F to 104°F/-10°C to 40°C</p>	<p>Safe Overload: 200% Full scale</p> <p>Safe Sideload: 100% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Nonlinearity: 0 to -0.03% Full scale</p> <p>Hysteresis: 0 to +0.05% Full scale</p>	<p>Combined Effect of Nonlinearity and Hysteresis: ± .03% Full Scale</p> <p>Insulation Resistance: 10,000 megohms</p> <p>Deflection at Capacity: .008 in/.15 mm (520 lb)</p> <p>Seal Type: Hermetically sealed, IP69K</p> <p>Cable Length: 10 ft/3.1 m</p>	<p>Cable Diameter: .196 polyurethane jacket</p> <p>Cable Color Code: Green+ Excitation Black- Excitation White+ Signal Red- Signal Yellow Shield</p> <p>Warranty: One-year limited warranty</p>
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Dimensions

RATED CAPACITY	L	L1	L2	H	W	I	K	C
lb/inches								
520	6.10	2.98	1.60	1.58	.59	0.520±.005	.99	1.387
kg/mm								
235.9	155.0	75.7	40.6	40.1	15.0	0.520±.005	25.1	35.0

Order Information

LOAD RATING	PART #	PRICE
520 lb (2.3 kN*/235.9 kg)	38215	\$995.00
Conduit Adapter, 1/2-14 NPT	17703	35.00

*kN=Kilonewtons, 1 kN=224.8089 lb

Weigh Module Available

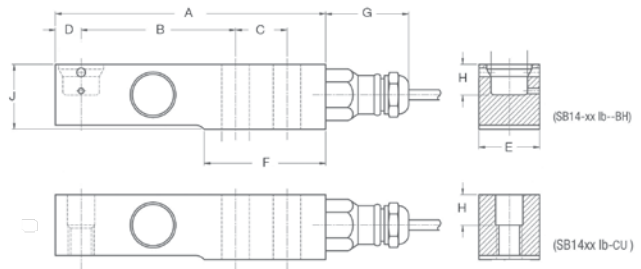
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	Paramounts® HS, HE	56

SB14

Single-Ended Beam, Stainless Steel NTEP 1:5000 Class III Multiple Cell, Hermetically sealed, IP68






Picture is a representation of actual product



* SB14XXCM versions available by special order

Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 1000 ohms +/- 2 Input Resistance: 1100 ohms +/- 50 Material/Finish: Stainless steel Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 200% Full scale Safe Sideload: 100% Full scale Rated Excitation: 10V DC (15V maximum) Insulation Resistance: 5000 megohms Combined Effect of Nonlinearity and Hysteresis: ± 0.03% Full scale	Seal Type: Hermetically sealed, IP68 Cable Length: 10 ft/3.1 m Cable Diameter: .196 polyurethane jacket	Cable Color Code: Green+ Excitation Black- Excitation White+ Signal Red- Signal Yellow Shield Warranty: One-year limited warranty Approvals:    Available upon request
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I*	J
lb/inches										
500-1000	5.25	3.00	1.00	.50	1.18	2.35	1.61	.59	1/2-20 UNF	1.22
2500	5.25	3.00	1.00	.50	1.18	2.35	1.61	.59	1/2-20 UNF	1.22
5000	5.25	3.00	1.00	.50	1.18	2.35	1.61	.59	1/2-20 UNF	1.22
kg/mm										
226.8-453.6	133.4	76.2	25.4	12.7	30.0	59.9	41	15	1/2-20 UNF	31.0
1134.0	133.4	76.2	25.4	12.7	30.0	59.9	41	15	1/2-20 UNF	31.0
2268.0	133.4	76.2	25.4	12.7	30.0	59.9	41	15	1/2-20 UNF	31.0

Order Information-CU Version

LOAD RATING	PART#	PRICE
500 lb (453.6 kg)	41167	\$445.00
1000 lb (453.6 kg)	41168	445.00
2500 lb (1134 kg)	41169	445.00
5000 lb (2268 kg)	41170	445.00

*CU versions have a counterbore/unified thread 1/2-20 UNF

*BH versions have a blind load hole

Order Information-BH Version

LOAD RATING	PART#	PRICE
500 lb (453.6 kg)	119556	\$445.00
1000 lb (453.6 kg)	119557	445.00
2500 lb (1134 kg)	119558	445.00
5000 lb (2268 kg)	119559	445.00

*CU versions have a counterbore/unified thread 1/2-20 UNF

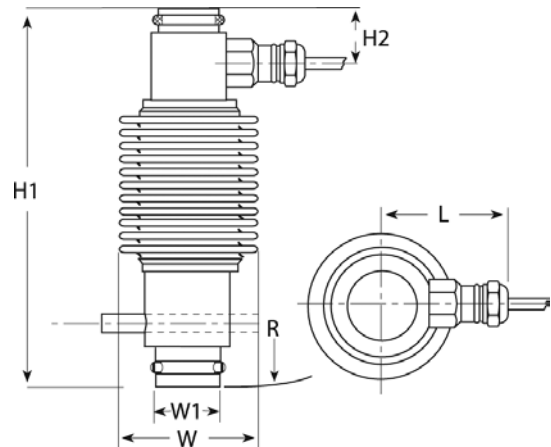
*BH versions have a blind load hole

RC1

Rocker Column, Stainless Steel NTEP 1:10,000, OIML Multiple, Hermetically sealed, IP69K



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

351 ohms +/- 1

Input Resistance:

400 ohms +/- 15

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

200% Full scale

Safe Sideload:

200% Full scale

Rated Excitation:

10V DC (15V maximum)

Combined Error:

0.02% Full scale

Insulation Resistance:

5000 megohms

Seal Type:

Hermetically sealed, IP69K

Cable Length:

56,000 lb 32.8 ft/10 m,
90,000 lb 59.1 ft/18 m

Cable Diameter:

.307 polyurethane jacket

Cable Color Code:

Green+ Excitation
Black- Excitation
White+ Signal
Red- Signal
Yellow Shield

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	H1	H2	L	R	W	W1
lb/inches						
56,000	7.56	1.22	2.44	10.98	2.83	1.46
90,000	8.86	1.34	2.72	14.02	3.35	1.46
kg/mm						
25,401.6	192.0	31.0	62.0	279.0	72.0	37.0
40,824.0	225.0	34.0	69.0	356.0	85.0	37.0

Order Information

LOAD RATING	PART #	PRICE
**56,000 lb (250 kN*/25,401.6 kg)	36217	\$795.00
90,000 lb (400 kN*/40,824.0 kg)	36218	1,350.00
Conduit Adapter, 1/2-14 NPT	17703	35.00
Load Cup**, Upper (250 KN ONLY)	71602	135.00
Load Cup**, Lower (250 KN ONLY)	44290	135.00
Anti Rotation Pin (zinc plated)	110816	3.00
Anit Rotation Pin (stainless steel)	152649	10.00

*kN=Kilonewtons, 1 kN=224.8089 lb

**For Mettler-Toledo® Digital to analog conversion: requires replacement of all system load cells, j-box, and instrumentation; consult factory. Kit on page 100

Interchangeable Products

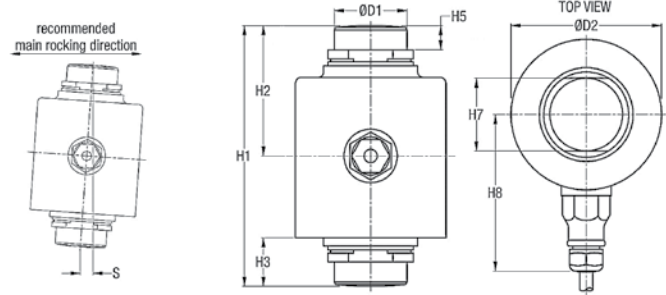
MANUFACTURER	PART #	MODEL
Fairbanks®	63215	LCF-HR4020-1

RC3

Rocker Cell, Stainless Steel NTEP 1:6,000 III, OIML C3 Multiple, Hermetically sealed, IP69K



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
1000 ohms +/- 2

Input Resistance:
1150 ohms +/- 50

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
200% Full scale

Safe Sideload:
200% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.02% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Hermetically sealed IP69K

Cable Length:
59.1 ft/18 m

Cable Diameter:
.307 polyurethane jacket

Cable Color Code:
Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal
Yellow Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	H1	H2	H3	H5	H7	H8	D1	D2
lb/inches								
30t	5.51	2.76	2.20	0.51	1.55	3.31	1.55	3.19
40t	5.91	2.95	1.22	0.51	1.55	3.31	1.55	3.19
50t	7.01	3.50	1.26	0.67	1.73	3.71	1.73	3.90
kg/mm								
30t	140	70	26	13	39	84	39	81
40t	150	75	31	13	39	84	39	81
50t	178	89	32	17	44	94	44	99

Order Information

LOAD RATING	PART #	PRICE
30t	84203	\$925.00
40t	84204	925.00
50t	84205	1,195.00
**Upper Cup (50T)	111365	135.00
**Lower Cup(50T)	111366	135.00
***Upper Cup (50T)	154107	135.00
***Lower Cup (50T)	154106	135.00

**For Mettler-Toledo® Digital to analog conversion: requires replacement of all system load cells, j-box, and instrumentation; consult factory. Kit on page 100

***Replacement cups for kits 129844 and 111367 on page 103

Interchangeable Products

MANUFACTURER	FB PART #	MODEL
*Fairbanks® 30t	70510	LCFHR4020-2A

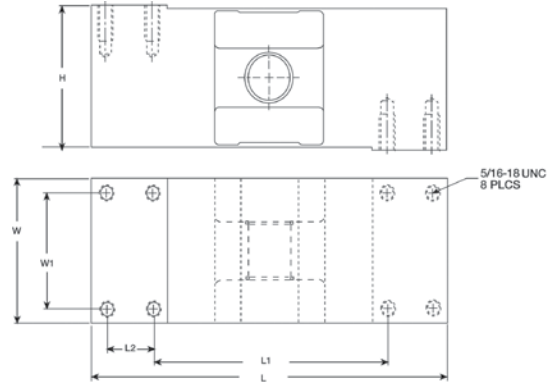
*Stainless overbraided cable

PCB

Single Point, Stainless Steel (IP 68 Rated) NTEP 1:5000 Class III Single Cell, Hermetically sealed, IP69K



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 960 ohms +/- 50 Input Resistance: 1100 ohms +/- 50I Material/Finish: Stainless steel Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 200% Full scale Safe Sideload: 100% Full scale Rated Excitation: 10V DC (20V maximum) Total Error: 0.02% Full scale Insulation Resistance: 5000 megohms Deflection at Capacity: 50-1000 kg ≤ .015 in/.4 mm	Seal Type: Hermetically sealed, IP69K Cable Length: 10 ft/3.1 m Cable Diameter: .196 polyurethane jacket Cable Color Code: Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield	Max Platform Size: 39 in x 39 in Warranty: One-year limited warranty Approvals:
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Dimensions

RATED CAPACITY	L	L1	L2	W	W1	H
lb/inches						
110.3-2205	7.50	4.92	.98	2.95	2.36	2.95
kg/mm						
50-1000	190.5	124.8	24.9	74.9	59.9	74.9

Order Information

LOAD RATING	PART #	PRICE
NTEP 1:5000		
50 kg (110.3 lb)	45274	\$795.00
100 kg (220.5 lb)	45275	795.00
250 kg (551.3 lb)	45276	795.00
500 kg (1,102.5 lb)	45277	795.00
1000 kg (2,205 lb)	45278	795.00
Conduit Adapter, 1/2-14 NPT	17703	35.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1250*	179
Vishay Celtron	LOC*	207
Vishay Tedeá-Huntleigh	1250*	343

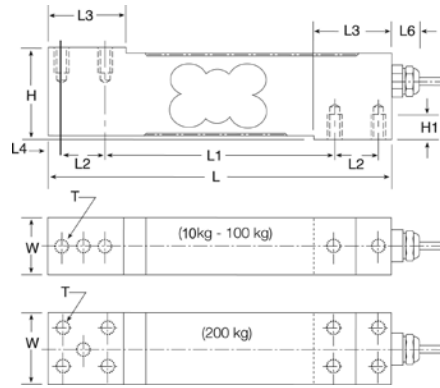
* Environmentally sealed

PC1




Single Point, Stainless Steel NTEP 1:3000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V Output Resistance: 330 ohms +/- 25 Input Resistance: 390 ohms +/- 20 Material/Finish: Stainless steel Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 200% Full scale Safe Sideload: 100% Full scale Rated Excitation: 10V DC (15V maximum) Combined Error: 0.02% Full scale Insulation Resistance: 5000 megohms	Seal Type: Environmentally sealed Cable Length: 9.9ft/3m Cable Diameter: .196 polyurethane jacket Cable Color Code: Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield	Max Platform Size: 18 in x 18 in Warranty: One-year limited warranty Approvals:    Available upon request
--	---	--	---

Dimensions

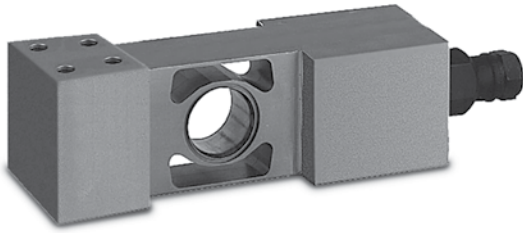
RATED CAPACITY	H	H1	H2	L	L1	L2	L3	L4	L5	L6	W	T
lb/inches												
33.1-220.5	1.57	.40	.06	5.90	3.93	.75	1.26	.24	.61	.79	1.00	1/4-20 x .75DP
441.0	1.57	.40	.06	5.90	3.93	.75	1.26	.24	.61	.79	1.50	1/4-20 x .75DP
kg/mm												
10-100	40.0	10.0	1.5	150.0	100.0	19.0	32.0	6.0	15.5	20.0	25.4	1/4-20 x 19.1DP
200	40.0	10.0	1.5	150.0	100.0	19.0	32.0	6.0	15.5	20.0	38.1	1/4-20 x 19.1DP

Order Information

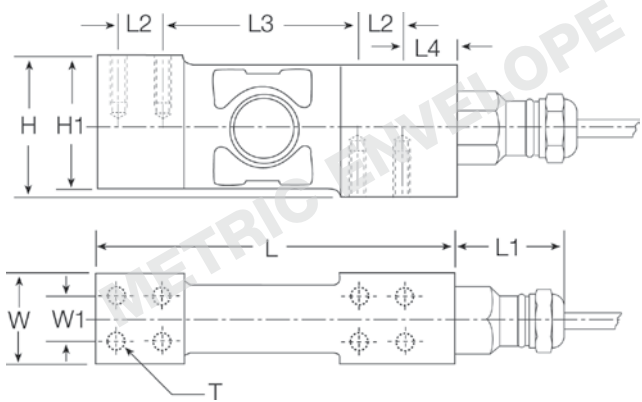
LOAD RATING	PART #	PRICE
10 kg (22.0 lb)	41821	\$300.00
15 kg (33.1 lb)	36219	300.00
30 kg (66.1 lb)	36220	300.00
50 kg (110.2 lb)	36221	300.00
75 kg (165.4 lb)	36222	300.00
100 kg (220.5 lb)	36223	300.00
200 kg (441.0 lb)	36224	445.00

PC6

Single Point, Stainless Steel NTEP 1:5000 Class III Single Cell, Hermetically sealed, IP69K



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
960 ohms +/- 50

Input Resistance:
1100 ohms +/- 50

Material/Finish:
Stainless steel

Temperature:
Compensated range
0°F to 150°F/-18°C to 65°C

Safe Overload:
200% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.02% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Hermetically sealed, IP69K

Cable Length:
9.8 ft/3 m

Cable Diameter:
.196 polyurethane jacket

Cable Color Code:
Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal
Yellow Shield

Max Platform Size:
24 in x 24 in

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	W	W1	T
lb/inches										
66.1-441.0	1.89	1.80	4.84	1.61	.60	2.66	.70	1.18	.60	8 x M6/15 DP
kg/mm										
20-200	48.0	45.5	123.0	41.0	15.2	67.6	17.8	30.1	15.2	8 x M6/15 DP

Order Information

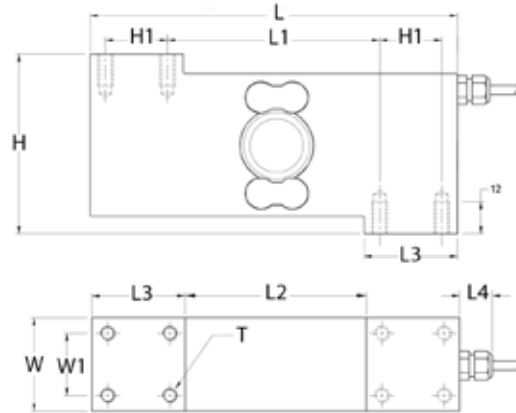
LOAD RATING	PART #	PRICE
20 kg (44.1 lb)	36225	\$595.00
50 kg (110.2 lb)	36226	595.00
100 kg (220.5 lb)	36227	595.00
200 kg (441.0 lb)	36228	595.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RLPC6	164

PC7

Single Point, Stainless Steel, IP68 /IP69K



Specifications

Full Scale Output:

2mV/V +/-5%

Output Resistance:

350 ohms +/-10

Input Resistance:

380 ohms +/-20

Capacity:

100kg, 250kg and 500kg

Material/Finish:

Stainless Steel construction with electro-polished finish

Seal Type:

Environmental Protection IP68/IP69K with complete laser welded hermetic sealing

Safe Overload:

150%

Rated Excitation:

5-15VDC

Insulation Resistance:

5000 megohms

Temperature

Compensated -10°C - 40°C
Operating -40°C - +80°C

Max Platform Size:

Up to 600 x 600 mm

Cable Length:

3 m

Cable Color Code:

- Green+ Excitation
- Black.....- Excitation
- White+ Signal
- Red- Signal
- Blue+ Sense
- Brown- Sense
- Yellow Shield

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	W	W1	T
lb/inches										
100-500kg	2.88	1.00	5.91	3.41	2.92	1.50	.63	1.50	1.00	M8
kg/mm										
100-500	73	25.4	150	86.5	74	38	16	38.1	25.4	M8

Order Information

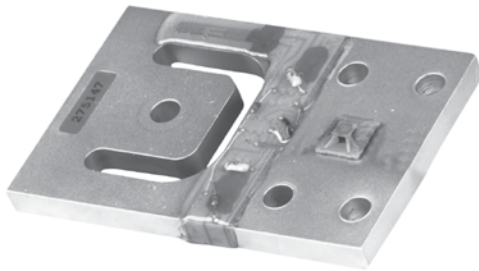
LOAD RATING		PART #	PRICE
100 kg	(lb)	161719	\$695.00
250 kg	(lb)	161720	695.00
500 kg	(lb)	161721	695.00

Interchangeable Products

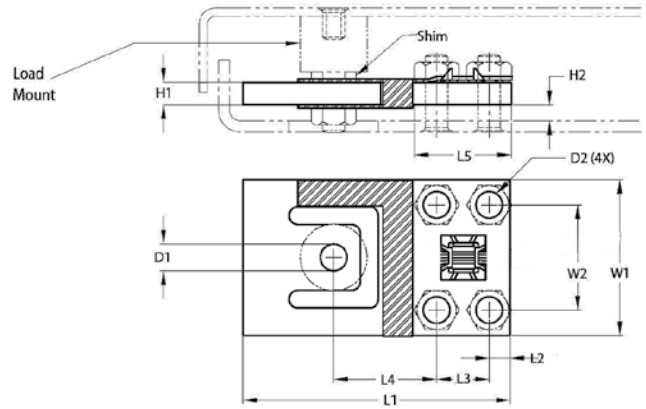
MANUFACTURER	MODEL	PAGE #
VPG Tedeá Huntleigh	1510	345

PB

Planar Beam, Aluminum IP65



Picture is a representation of actual product



Specifications

Full Scale Output:

1 mV/V

Output Resistance:

1000 ohms +/- 10

Input Resistance:

1180 ohms +/- 50

Material/Finish:

Aluminum

Temperature:

Compensated Range
0°F-150°F

Safe Overload:

150% Full Scale

Rated Excitation:

10V DC

Combined Error:

.060% Full Scale

Insulation Resistance:

5000 megohms

Seal Type:

IP65

Cable Length:

1.5 m

Cable Color Code:

Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal

Warranty:

One-year limited warranty

Dimensions

TYPE	L1	L2	L3	L4	L5	W1	W2	H1	H2 (MIN)	D1	D2	DEFLECTION (MM) AT E MAX
PB-15 kg-RS	70	4.9	14	28	23.7	39	27.8	4.1	4.5	7.6	5.1	0.27
PB-37.5 kg-RS	76.2	6	15	29.3	27	44.5	30	4.8	5	7.6	6.6	0.36
PB-75 kg-RS	84.4	6.4	15	34	27.7	54.8	30	6.4	5	7.6	6.6	0.35
PB-150 kg-RS	107.3	7.8	22.9	45.9	38.4	69.9	44.5	7.9	6	9.1	8.1	0.56

Order Information

LOAD RATING	PART #	PRICE
16 kg (36.4 lb)	96361	\$75.00
37.5 kg (82.7 lb)	96362	80.00
75 kg (165.4 lb)	96363	85.00
150 kg (330.7 lb)	96364	100.00

Interchangeable Products

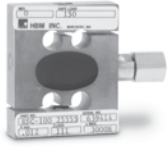
MANUFACTURER	MODEL	PAGE
Rice Lake Weighing Systems	RLBLP	181

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S-Beams

Page 234

RSC, Stainless Steel



Designed for both single and multiple-cell applications and built of stainless steel, the RSC is a superior choice for new or conversion applications. NTEP Certified capacities of 100 to 5000 lb (45.4 to 2268.0 kg); non-NTEP capacities of 50 and 10,000 lb (22.7 and 4535.9 kg). Complete with 25 ft/7.6 m of load cell cable.



Page 235

S35 Universal, Stainless Steel



The S35, Universal "S" cell is constructed in stainless steel and offer dimensional and electrical interchangeability with several load cell manufacturers. Capacities from 100 to 20,000 lb. Each cell comes with 20 ft/6.1 m of load cell cable.



Single-Ended Beams

Page 236

H35, Stainless Steel



The H35 offers all stainless steel construction and integral mounting foot as well as dimensional and electrical interchangeability with several load cell manufacturers. Capacities from 1000 to 5000 lbs. Each cell comes with 20 ft/6.1 m of load cell cable.



Page 237

B35, Stainless Steel



This stainless steel model is both dimensionally and electrically interchangeable with several other popular stainless beam models. This model differs from other HBM beam products in that it carries a 3.0 mV/V output, and has a 350-ohm bridge. Available in capacities ranging from 500 to 10,000 lb (226.8 to 4535.9 kg), each load cell is also provided with 20 ft/6.1 m of cable.



Page 238

THC, Stainless Steel



Used in HBM's RTM weigh modules as well as Mettler-Toledo® weigh modules and floor scales. Stainless steel with a welded seal. NTEP approval to 5000 divisions. 15 ft or 30 ft of cable.



Page 239

A35, Alloy Steel



Single ended beam designed for low-profile scales and process applications. NTEP detified categories from 500 lb to 2500 lb. Includes 20 ft of cable.



Page 240

BLC, Stainless Steel



Single-ended bending beam uniquely designed for versatile weighing. Directly interchangeable with other widely-used single-ended beams. Durable stainless steel construction with threaded counterboard load hole. Offers easy installation and load introduction. Capacities of 1000 to 10,000 lb (453.6 to 4535.9 kg).



Page 241

BBS, Alloy Steel



Low-cost bending beam load cell designed for precision force and weight measurement. Features excellent performance and protection against adverse environments, alloy and stainless steel sensing elements, and low mounting sensitivity. Capacities of 50 to 7500 lb (22.7 to 3401.9 kg). Complete with 10 ft/3.1 m of load cell cable.

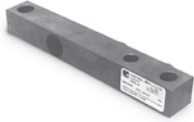


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Single-Ended Beams

Page 242

BLF, Stainless Steel



This bending beam is a replacement for the Fairbanks® low-profile bending beam. Capacities from 2500 and 5000 lb (680.4 to 2268.0 kg). Integral 15 ft/4.6 m load cell cable.



Page 243

Z6, Stainless Steel



The Z6 bending beam load cell is constructed of stainless steel with a welded seal. These features make the Z6 ideal for harsh or caustic environments as well as washdown applications. Capacities of 44.1 to 2204.6 lb (20 to 1000 kg). Complete with 10 ft /3.1 m of load cell cable.



Compression Canisters

Page 244

C16, Stainless Steel, Hermetically Sealed

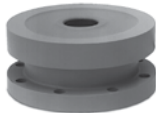


The HBM C16 Rocker Column load cell is specifically designed for high-capacity weighing in the harshest environments. Ideal for truck scale applications it features all, stainless steel construction along with IP68 hermetic sealing. Its easy to install and maintain to provide real cost advantages for both new installations and retrofit projects. The HBM C16 is available in capacities ranging from 20 t to 40 t, and includes 12 m of load cell cable standard.



Page 245

JRT, Alloy Steel



The JRT utilizes a unique torsion ring design and is intended for high capacity loading in tank, vessel and truck weighing applications. The design accommodates the highly accurate rocker pin load introduction technique. Capacities of 20,000 to 100,000 lb (9071.9 to 45,359.2 kg). Complete with 35 ft/10.7 m of load cell cable.



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Single Points

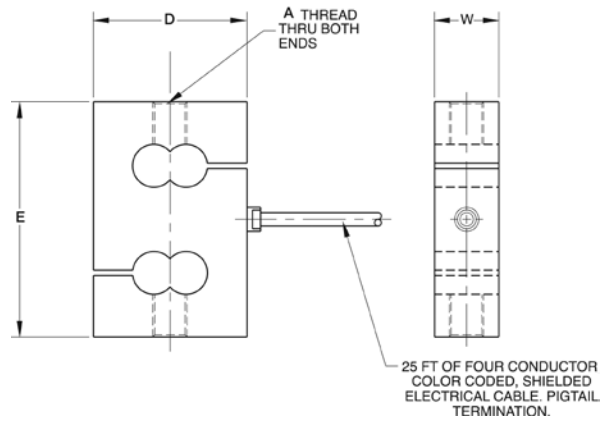
Page 246	SP4M, Aluminum	<p>The SP4 is a low-profile, off-center load cell designed for use in retail, postal and platform scale applications. This high accuracy single point is manufactured from aluminum, and is moment compensated for guaranteed accuracy. The product is protected by a quality gauge coating compound that provides a barrier against high humidity environments. This product is available in capacities from 7 to 100 kg (15.4 to 220.5lb), and comes standard with a 3.3ft/1 m cable.</p>	
Page 247	PW12, Aluminum	<p>With capacities from 50kg to 1000kg, this load cell is NTEP, OMIL R60 and R76 approved. The PW12 is ideal for platform, hanging scale, and other low-capacity beams applications. Complete with ft 10ft/3.1 m of load cell cable.</p>	
Page 248	PW15, Stainless Steel	<p>A new stainless steel, single point load cell from HBM. With capacities from 22.1 to 220.5lb (10 to 100kg), this load cell is OMIL R60 and R76 approved. The PW15 is ideal for platform, hanging scale, and other low-capacity beam applications. Complete with ft 10ft/3.1 m of load cell cable.</p>	
Page 249	PW16, Aluminum	<p>With capacities from 66.1 to 1455.5lb (30 to 635kg), this load cell has a potted cavity and offers excellent performance in damp environments. Complete with 10ft/3.1 m of load cell cable.</p>	
Page 250	PW15AH, Stainless Steel	<p>The PW15AH by HBM is the new standard for hermetically sealed single point load cells. A unique sealing process guarantees moisture protection from high pressure jets. Available in 10, 20, 50 and 100kg capacities; IP69K.</p>	
Page 251	PWS, Stainless Steel	<p>The PWS/PWSM is a single-point cell, constructed of stainless steel and designed to perform in harsh, high shock load environments. These features make the PWS/PWSM ideal for platform scales and packaging and process weighing equipment. Capacities from 15.4 to 330.7 lb (7 to 150kg). Complete with 10ft /3.1 m of load cell cable.</p>	

RSC

S-Beam, Stainless Steel NTEP 1:3000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0mV/V

Output Resistance:

350 ohms +/- 3

Input Resistance:

>385

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Rated Excitation:

10V DC

Nonlinearity:

0.03% Full scale

Hysteresis:

0.03% Full scale

Insulation Resistance:

5000 megohms

Seal Type:

Environmentally sealed

Cable Length:

25 ft/7.6 m

Cable Diameter:

.190 polyurethane jacket

Cable Color Code:

- Green+ Excitation
- Black.....- Excitation
- White+ Signal
- Red- Signal
- Yellow Shield

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	D	E
lb/inches				
50-300	3/8-24	0.59	2.00	2.44
500-3000	1/2-20	0.94	2.25	3.44
5000	3/4-16	1.19	2.75	3.94
10,000	3/4-16	1.44	3.00	3.94
kg/mm				
22.7-136.1	3/8-24	15.0	50.8	62.0
226.8-4535.9	1/2-20	23.9	57.2	87.4
2268.0	3/4-16	30.2	69.9	100.1
4535.9	3/4-16	36.6	76.2	100.1

Order Information

LOAD RATING	PART #	PRICE
100 lb (45.4 kg)	21900	\$390.00
200 lb (90.7 kg)	21901	390.00
300 lb (136.1 kg)	21902	390.00
500 lb (226.8 kg)	21903	390.00
750 lb (340.2 kg)	21904	390.00
1000 lb (453.6 kg)	21905	390.00
2000 lb (907.2 kg)	21906	390.00
3000 lb (1360.8 kg)	21907	390.00
5000 lb (2268.0 kg)	21908	575.00
Non-NTEP		
50 lb (22.7 kg)	21899	415.00
10,000 lb (4535.9 kg)	21909	630.00

NTEP 1:10,000 Class III Single Cell available; consult factory for pricing.

Weigh Module Available

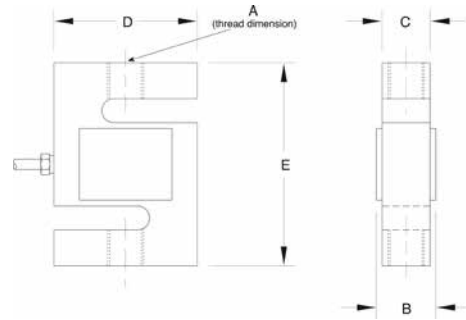
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

S35

S-Beam, Stainless Steel NTEP 1:3000 Class III 3S/1:10,000 Class IIIL 10S, IP67



Picture is a representation of actual product



HBM

Specifications

Full Scale Output: 3.0 mV/V nominal	Safe Overload: 150%	Seal Type: Environmentally sealed, IP67	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal Yellow Shield
Output Resistance: 350 ohms +/- 3.5	Rated Excitation: 10V DC (15V maximum)	Cable Length: 20 ft/6.1 m	Warranty: One-year limited warranty
Input Resistance: 430 ohms +/- 60	Combined Error: 0.03%	Cable Diameter: .190 polyurethane jacket	Approvals:
Material/Finish: Stainless steel	Insulation Resistance: 10,000 megohms		
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Deflection at Capacity: .010 in/.25 mm		

Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
100-300	1/4-28 UNF-2B	.65	.46	2.00	2.40
500-1000	1/2-20 UNF-2B	.90	.71	2.00	2.40
2000-2500	1/2-20 UNF-2B	1.15	.96	2.00	2.40
3000	1/2-20 UNF-2B	1.15	.96	3.00	3.90
10,000		1.17	.98	3.50	4.75
5000	3/4-16 UNF-2B	1.15	.96	3.00	3.90
15,000	1-14 UNF-2B	1.69	1.50	4.00	5.50
20,000	1 1/4-12 UNF-2B	2.19	2.00	5.00	7.00
kg/mm					
45.4-136.1	1/4-28 UNF-2B	16.5	11.7	50.8	60.9
226.8-453.6	1/2-20 UNF-2B	22.9	18.0	50.8	60.9
907.2-1134	1/2-20 UNF-2B	29.2	24.4	50.8	60.9
1360.8	1/2-20 UNF-2B	29.2	24.4	76.2	99.1
2268-4535.9	3/4-16 UNF-2B	29.2	24.4	76.2	99.1
6803.9	1-14 UNF-2B	42.9	38.1	101.6	139.7
9071.9	1 1/4-12 UNF-2B	55.6	50.8	127.0	177.8

Order Information

LOAD RATING		PART #	PRICE
100 lb	(45.4 kg)	64859	\$300.00
200 lb	(90.7 kg)	64860	300.00
300 lb	(136.1 kg)	64861	300.00
500 lb	(226.8 kg)	64862	300.00
750 lb	(340.2 kg)	64863	300.00
1,000 lb	(453.6 kg)	64864	300.00
2,000 lb	(907.2 kg)	64865	300.00
2,500 lb	(1134.0 kg)	64866	300.00

Order Information Continued

LOAD RATING		PART #	PRICE
3,000 lb	(1360.8 kg)	64867	300.00
5,000 lb	(2268.0 kg)	64868	500.00
10,000 lb	(4535.9 kg)	64869	750.00
15,000 lb	(6803.9 kg)	64870	1,050.00
20,000 lb	(9071.8 kg)	64871	1,350.00

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

www.ricelake.com | Phone: 800-472-6703



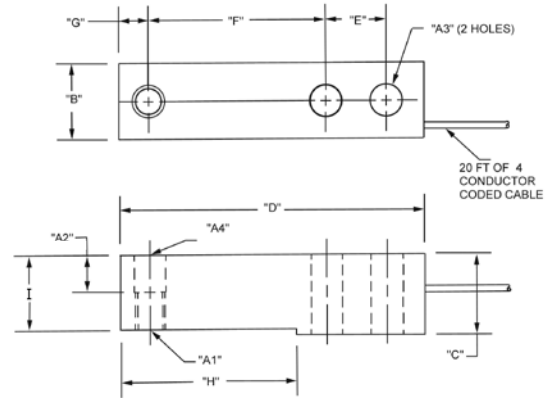
H35

Single-Ended Beam, Stainless Steel NTEP 1:5000 Class III Multiple Cell, Welded-Seal, IP67

HBM



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0mV/V	Safe Overload: 150% Full scale	Insulation Resistance: 5000 megohms	Cable Color Code: Green+ Excitation Black.....- Excitation White+ Signal Red- Signal Yellow Shield
Output Resistance: 350 ohms +/- 3	Safe Sideload: 100% Full scale	Seal Type: Welded-seal, IP67	Warranty: One-year limited warranty
Input Resistance: >350	Rated Excitation: 10V DC (15V maximum)	Cable Length: 20 ft/6.1 m	Approvals:
Material/Finish: Stainless steel	Nonlinearity: 0.03% Full scale	Cable Diameter: .190 polyurethane jacket	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Hysteresis: 0.03% Full scale		

Dimensions

RATED CAPACITY	A1	A2	A3	A4	B	C	D	E	F	G	H	I
lb/inches												
500-5000	1/2-20 UNF-2B	.62	.53	.53	1.21	1.19	5.12	1.00	3.00	.50	2.85	1.120
kg/mm												
453.6-2268	1/2-20 UNF-2B	15.8	13.5	13.5	30.7	30.2	130.05	25.4	76.2	12.7	72.4	28.4

Order Information

LOAD RATING		PART #	PRICE
500 lb	(226.8 kg)	84818	\$390.00
1,000 lb	(453.6 kg)	64876	390.00
2,500 lb	(1134.0 kg)	64877	390.00
4,000 lb	(1814.4 kg)	64878	390.00
5,000 lb	(2268.0 kg)	64879	390.00

Interchangeable Products

MANUFACTURER	PART #
Mettler Toledo	
500 lb-8 ft cable	TB601019-008
1,000 lb-20 ft cable	TB601016-020
2,500 lb-8 ft cable	TB601016-008
4,000 lb-20 ft cable	TB601017-020
5,000 lb-8 ft cable	TB601018-008

Rice Lake Weighing Systems RLH35 page 127.

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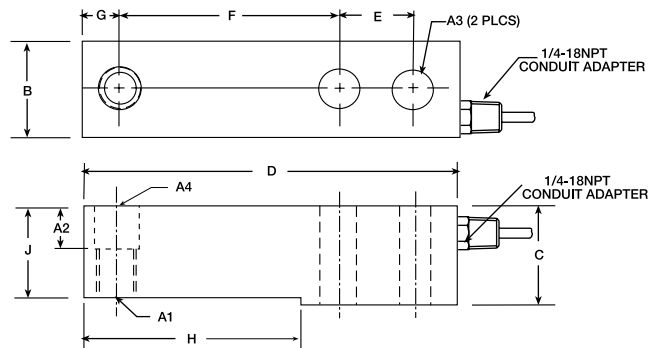


B35

Single-Ended Beam, Stainless Steel, IP67 NTEP 1:5000 Class III Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V nominal

Output Resistance:
350 ohms +/- 3

Input Resistance:
>350

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.04%

Insulation Resistance:
5000 megohms

Deflection at Capacity:
.010 in/.25 mm

Seal Type:
Environmentally sealed, IP67

Cable Length:
20 ft/6.1 m

Cable Diameter:
.190 polyurethane jacket

Cable Color Code:

- Red+ Excitation
- Black.....- Excitation
- Green+ Signal
- White- Signal
- Yellow Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	A3	A4	B	C	D	E	F	G	H	J
lb/inches												
250-500	1/2-20 UNF-2B	.50	.53	.53	1.21	1.00	5.12	1.00	3.00	.50	2.85	.93
1000-4000	1/2-20 UNF-2B	.62	.53	.53	1.21	1.19	5.12	1.00	3.00	.50	2.85	1.12
5000-10,000	3/4-16 UNF-2B	.75	.78	.78	1.44	1.44	6.75	1.50	3.75	.75	3.75	1.34
kg/mm												
226.8	1/2-20 UNF-2B	12.7	13.5	13.5	30.7	25.4	130.0	25.4	76.2	12.7	72.4	23.6
453.6-1814.4	1/2-20 UNF-2B	15.7	13.5	13.5	30.7	30.2	130.0	25.4	26.2	12.7	72.4	28.4
2268.0-4535.9	3/4-16 UNF-2B	19.1	19.1	19.8	36.6	36.6	171.5	38.1	95.3	19.1	95.3	34.0

Order Information

LOAD RATING	PART #	PRICE
*250 lb (113.4 kg)	94364	\$325.00
500 lb (226.8 kg)	46486	325.00
1000 lb (453.6 kg)	46487	325.00
2000 lb (907.2 kg)	46488	325.00
2500 lb (1134.0 kg)	46489	325.00
3000 lb (1360.8 kg)	46490	325.00
4000 lb (1814.4 kg)	46491	325.00
5000 lb (2268.0 kg)	46492	425.00
10,000 lb (4535.9 kg)	46493	425.00

*Non-NTEP

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL35023S	132
Vishay Revere Transducers	9123	265
Mettler Toledo® 500 lb	TB600830-020	-
Mettler Toledo® 1000 lb	TB600831-020	-
Mettler Toledo® 2000 lb	TB600832-020	-
Mettler Toledo® 2500 lb	TB600833-020	-

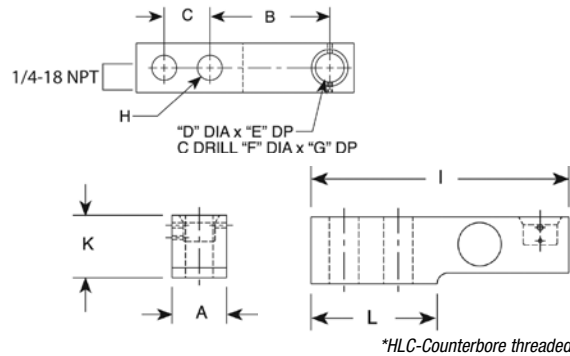
THC

Single-Ended Beam, Stainless Steel Welded-Seal, IP68 NTEP 1:5000 Class III Multiple





500 lb model

Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 350 ohms +/- 3 Input Resistance: >350 Material/Finish: Stainless steel Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 150% Full scale Safe Sideload: 100% Full scale Rated Excitation: 10V DC (15V maximum) Combined Error: 0.03% Non-repeatability: 0.01% Full scale	Insulation Resistance: 5000 megohms Seal Type: Welded-seal, IP68 Cable Length: 30 ft/9.1 m 15 ft/6.1 m (4000 lb) Cable Diameter: .190 polyurethane jacket Deflection: 500-4K .010 in 5K + 10K .012 in	Cable Color Code: Green+ Excitation Black- Excitation White+ Signal Red- Signal Yellow Shield Warranty: One-year limited warranty Approvals:  
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	K	L
lb/inches											
500-4,000	1.20	3.00	1.00	.63	.69	.88	.189	.500	5.25	1.22	2.27
5,000	1.46	3.00	1.00	.63	.92	.88	.38	.500	5.38	1.40	2.28
10,000	1.68	3.75	1.50	.88	1.06	1.38	.44	.750	6.87	1.68	3.03
kg/mm											
226.8 - 1814.2	30.5	76.2	25.4	16.0	17.5	22.4	4.8	12.7	133.3	30.9	57.6
2268	37.1	76.2	25.4	16.0	23.4	22.4	9.7	12.7	136.7	35.5	57.9
4536	42.7	95.3	38.1	22.4	29.7	35.1	11.8	19.1	174.5	42.6	76.9

Order Information

LOAD RATING	PART #	PRICE
500 lb (226.8 kg)	69999	\$475.00
1,250 lb (567.0 kg)	70002	475.00
2,500 lb (1,134 kg)	70005	475.00
*4,000 lb (1,814.4 kg)	70008	475.00
5,000 lb (2,268 kg)	70009	600.00
10,000 lb (4,536 kg)	70014	725.00

*Model HTC in 4000 lb capacity

Interchangeable Products

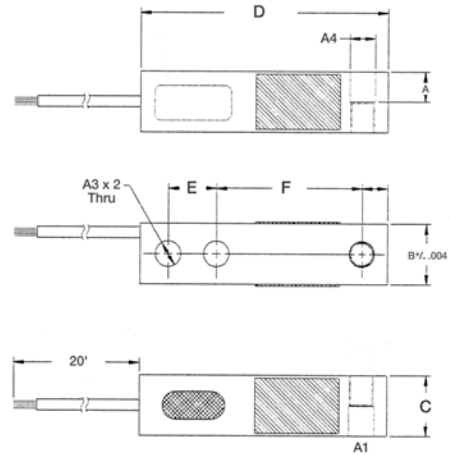
MANUFACTURER	PART #
Mettler-Toledo®	TB600529-500 lb
Mettler-Toledo	TB600363-1250 lb
Mettler-Toledo	TB600342-2500 lb
Mettler-Toledo	TB600261-4000 lb
Mettler-Toledo	TB600343-5000 lb
Mettler-Toledo	TB600364-10000 lb
Rice Lake Weighing Systems	RL30745

A35

Single-Ended Beam, Alloy Steel NTEP 1:5000 Class III Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mv/v

Output Resistance:
350 ohms +/- 2

Input Resistance:
>350

Material/Finish:
4340 Alloy steel, nickel plated

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Insulation Resistance:
5000 megohms

Combined Error:
.03% of FS

Deflection at Capacity:
0.03 in

Seal Type:
Environmentally sealed IP67

Cable Length:
20 ft/6.1 m

Cable Diameter:
.190 polyurethane jacket

Cable Color Code:

- Red+ Excitation
- Black.....- Excitation
- Green+ Signal
- White- Signal
- Yellow Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A	A3	A4	B	C	D	E	F	G
lb/inches										
500	1/2-20 UNF	.50	.53	.53	1.00	1.25	5.12	1.00	3.00	.53
1000-5000 SE	1/2-20 UNF	.62	.53	.53	1.25	1.25	5.12	1.00	3.00	.53
kg/mm										
226.8	1/2-20 UNF	12.7	13.5	13.5	25.4	31.8	130.1	25.4	76.2	13.5
453.6-2059.35 SE	1/2-20 UNF	15.8	13.5	13.5	31.8	31.8	130.1	25.4	76.2	13.5

Order Information

LOAD RATING		PART #	PRICE
500 lb	(226.8 kg)	98292	\$300.00
1000 lb	(453.6 kg)	98293	300.00
2000 lb	(907.2 kg)	98294	300.00
2500 lb	(1134.0 kg)	98295	300.00
3000 lb	(1360.8 kg)	98296	300.00
4000 lb	(1814.4 kg)	98297	300.00
5000 lb SE	(2268.0 kg)	98298	300.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL35023	131
Vishay-Sensortronics	65023	296
Vishay-Celtron	SQB	196

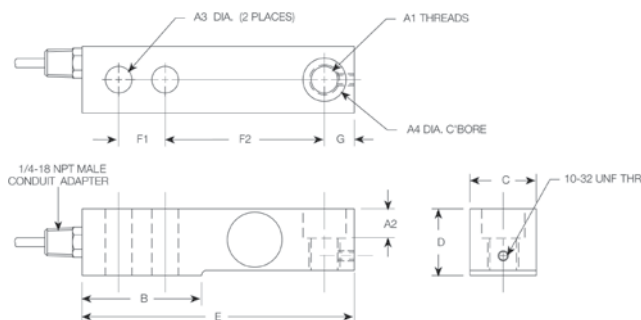
BLC

Single-Ended Beam, Stainless Steel NTEP 1:5000 Class III Multiple Cell*

HBV



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V nominal

Output Resistance:

1000 ohms +/- 10

Input Resistance:

1000 ohms

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Nonlinearity:

0.03% Full scale

Hysteresis:

0.05% Full scale

Insulation Resistance:

5000 megohms

Deflection at Capacity:

500-4000 lb=.010 in/.25 mm,
5000-10,000 lb=.012 in/.30 mm

Seal Type:

Environmentally sealed

Cable Length:

500-4000 lb=10 ft/3.1 m,
5000-10,000 lb=20 ft/6.1 m

Cable Diameter:

.190 polyurethane jacket

Cable Color Code:

Green+ Excitation
Black- Excitation
White+ Signal
Red- Signal
Yellow Shield

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	A3	A4	B	C	D	E	F1	F2	G
lb/inches											
500-4000	1/2-20 UNF-2B	.56	.52	.81	2.27	1.21	1.19	5.25	1.00	3.00	.60
5000	3/4-16 UNF-2B	.79	.78	1.19	3.00	1.45	1.44	6.75	1.50	3.75	.75
10,000	3/4-16 UNF-2B	.79	.78	1.19	3.00	1.69	1.69	6.75	1.50	3.75	.75
kg/mm											
226.8-1814.4	1/2-20 UNF-2B	14.2	13.2	20.6	57.6	30.7	30.2	133.3	25.4	76.2	15.2
2268.0	3/4-16 UNF-2B	20.1	19.8	30.2	76.2	36.8	36.6	171.5	38.1	95.3	19.1
4535.9	3/4-16 UNF-2B	20.1	19.8	30.2	76.2	42.9	42.9	171.5	38.1	95.3	19.1

Order Information

LOAD RATING	PART #	PRICE
NTEP* With Counter Bore		
500 lb (226.8 kg)	84817	\$450.00
1000 lb (453.6 kg)	21514	440.00
2500 lb (1134.0 kg)	21504	440.00
4000 lb (1814.4 kg)	21515	440.00
5000 lb (2268.0 kg)	21505	540.00
10,000 lb (4535.9 kg)	21506	640.00
Non-NTEP Without Counter Bore		
1000 lb (453.6 kg)	17226	440.00
2500 lb (1134.0 kg)	17227	440.00
4000 lb (1814.4 kg)	17228	440.00
5000 lb (2268.0 kg)	17229	540.00
10,000 lb (4535.9 kg)	17230	640.00
Bushing (for conversion to non-counter bore)		
500 lb-4000 lb, SST	17691	8.00

*NTEP certified to 50% of rated capacity

**Non-NTEP

Order Information Continued

LOAD RATING	PART #	PRICE
NTEP* Without Counter Bore		
500 lb (226.8 kg)	84816	\$450.00
1000 lb (453.6 kg)	63028	440.00
2500 lb (1134.0 kg)	63029	440.00
4000 lb (1814.4 kg)	63030	440.00
5000 lb (2268.0 kg)	63031	540.00
10,000 lb (4535.9 kg)	63032	640.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RLBLC**	130

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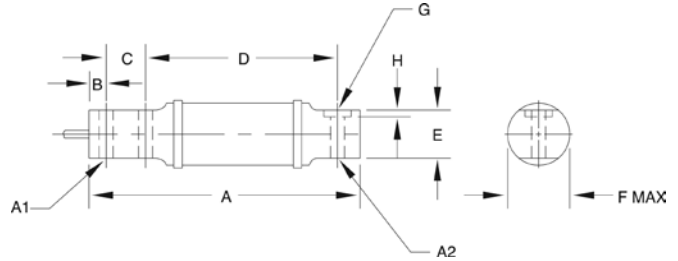
HBV

BBS

Single-Ended Beam, Alloy Steel



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

50-1000 lb = 750 ohms +/- 15
25000 lb = 347 ohms +/- 3

Input Resistance:

375 ohms +/- 10

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
0°F to 150°F / -18°C to 65°C

Safe Overload:

150% Full scale

Safe Sideload:

50% Full scale

Rated Excitation:

10V DC (15V maximum)

Nonlinearity:

0.03% Full scale

Hysteresis:

0.03% Full scale

Insulation Resistance:

1000 megohms

Deflection at Capacity:

50 lb = .015 in / .38 mm,
100 lb = .025 in / .64 mm,
200-250 lb = .030 in / .76 mm,
500 lb = .020 in / .51 mm,
1000 lb = .040 in / 1.02 mm,
2500 lb = .120 in / 3.05 mm

Seal Type:

Environmentally sealed

Cable Length:

10 ft / 3.1 m

Cable Diameter:

.190 polyurethane jacket

Cable Color Code:

Green + Excitation
Black - Excitation
White + Signal
Red - Signal
Yellow Shield

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	A1	A2	B	C	D	E	F	G	H
lb/inches										
50-100	6.00	.31	.31	.38	.88	4.25	1.06	1.25	—	—
200-1000	6.63	.51	.51	.50	1.12	4.25	1.06	1.25	—	—
2500	11.38	.51	.62	.50	1.75	8.25	1.25	2.00	1.19	0.012
kg/mm										
22.7-45.4	152.4	7.9	7.9	9.7	22.4	108.0	26.9	31.75	—	—
90.7-453.6	168.4	13.0	13.0	12.7	28.5	108.0	26.9	31.75	—	—
1134.0	289.1	13.0	15.8	12.7	44.5	210.0	31.8	50.8	30.2	0.30

Order Information

LOAD RATING	PART #	PRICE
50 lb (22.7 kg)	17352	\$575.00
100 lb (45.4 kg)	17353	575.00
200 lb (90.7 kg)	17354	575.00
250 lb (113.4 kg)	17355	575.00
500 lb (226.8 kg)	17356	575.00
1000 lb (453.6 kg)	17357	575.00
2500 lb (1134.0 kg)	17358	1,240.00+

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL40BBS	143
Vishay Sensortronics	60007	—
Vishay BLH	LBG1	—
Fairbanks®	3-481XX-1, 3-486XX-1	—

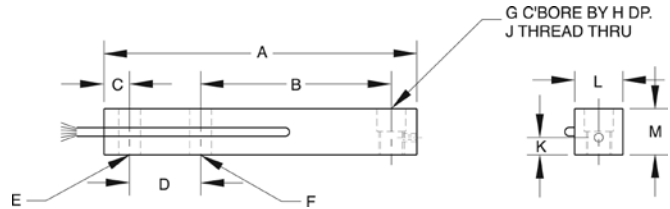
BLF

Single-Ended Beam, Stainless Steel

HBM



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0mV/V

Bridge Resistance:
1000 ohms, nominal

Material/Finish:
Stainless steel

Temperature:
Compensated range
15°F to 130°F/-9°C to 54°C

Manufacturer Model Number:
BLF-XX-15100

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
10,000 megohms

Seal Type:
Environmentally sealed

Cable Length:
15 ft/4.6 m

Cable Diameter:
.190 polyurethane jacket

Cable Color Code:

- Green + Excitation
- Black - Excitation
- White + Signal
- Red - Signal
- Yellow Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L	M
lb/inches												
2500	9.00	6.00	.62	1.75	.59	.53	.69	.56	5/8-18 UNF	.31	1.19	1.13
5000	10.00	6.25	1.00	2.00	.84	.78	.94	.50	7/8-14 UNF	.50	1.44	1.44
kg/mm												
680.4-1134.0	228.6	152.4	15.8	44.5	14.9	13.5	17.5	14.2	5/8-18 UNF	7.9	30.2	28.7
2268.0	254.0	158.8	19.1	50.8	21.3	19.8	23.9	12.7	7/8-14 UNF	12.7	36.6	36.6

Order Information

LOAD RATING	PART #	PRICE
2500 lb (1134.0 kg)	17114	\$640.00
5000 lb (2268.0 kg)	21917	750.00
*Load Cup	69400	35.00
Locking Screw	14929	1.00

*2500 lb only

Interchangeable Products

MANUFACTURER	MODEL
Fairbanks®	3-53581-X, 3-52921-1

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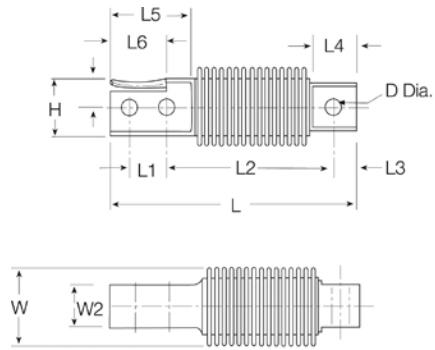


Z6

Single-Ended Beam, Stainless Steel Welded-Seal, IP68, OIML C3



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V	Safe Overload: 150% Full scale	Cable Length: 10ft/3.1m	Warranty: One-year limited warranty
Output Resistance: 356 ohms +/- 0.12	Rated Excitation: 10V DC (15V maximum)	Cable Diameter: .190 PVC jacket	Approvals:
Input Resistance: 350-400	Combined Error: 0.05% Full scale	Cable Color Code: Blue+ Excitation Black.....- Excitation White+ Signal Red- Signal Green+ Sen Grey- Sen Clear Shield	
Material/Finish: Stainless steel	Insulation Resistance: 5000 megohms		
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Seal Type: Welded-seal, IP68		

Dimensions

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	L5	L6	W	W2	D
lb/inches												
11-441.0	1.22	0.32	4.84	0.71	3.23	0.39	0.82	1.77	1.10	1.65	0.79	0.32
kg/mm												
5-200	31.0	8.1	123.0	18.0	82.0	9.9	21.0	45.0	27.9	42.0	20.1	8.20

Order Information

LOAD RATING	PART #	PRICE
5 kg (*11 lb)	36172	\$600.00
10 kg (22.0 lb)	36173	600.00
20 kg (44.1 lb)	36174	600.00
50 kg (110.2 lb)	36175	600.00
100 kg (220.5 lb)	36176	600.00
200 kg (441.0 lb)	36177	600.00

*D1 accuracy class

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RLHBB	144
Vishay Celtron	HBB	200
Vishay Revere Transducers	SHB	270
Vishay TedeA-Huntleigh	355	327

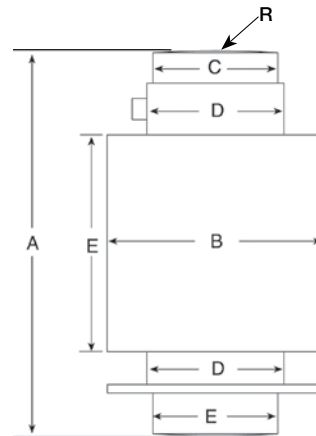
C16

Rocker Column Pin, Stainless Steel Hermetically Sealed, IP68, NTEP 1:10,000 Class IIII Multiple Cell/OIML

HBM



Picture is a representation of actual product



Specifications

Full Scale Output:
2 mV/V ± 1%

Output Resistance:
706 ohms +/- 3.5

Input Resistance:
700 ohms +/- 20

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
130% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.03%

Insulation Resistance:
5000 megohms

Seal Type:
Hermetically sealed, IP68

Cable Length:
12 m

Cable Diameter:
.190 polyurethane jacket

Cable Color Code:
White+ Signal
Black.....- Excitation
Blue+ Excitation
Gray- Sense
Red- Signal
Yellow Shield
Green+ Sense

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	R
t/mm						
20	150.0	76.1	44.0	48.0	44.0	130.0
30	150.0	76.1	44.0	48.0	44.0	160.0
40	150.0	76.1	44.0	48.0	44.0	180.0
60t	210.0	76.1	44.0	48.0	44.0	220.0
t/inches						
20	5.90	3.00	1.73	1.89	1.73	5.11
30	5.90	3.00	1.73	1.89	1.73	6.30
40	5.90	3.00	1.73	1.89	1.73	7.08
60t	8.27	3.00	1.73	1.89	1.73	8.66

Order Information

LOAD RATING	PART #	PRICE
OIML		
20t	69312	\$875.00
30t	69313	875.00
40t	69314	875.00
60t	125266	950.00
NTEP		
20t	106149	875.00
30t	106150	875.00
40t	106151	875.00
60t	125265	950.00

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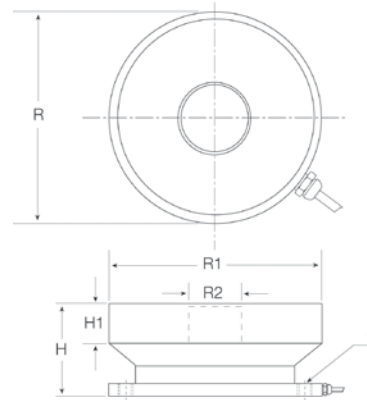


JRT

Torsion Ring Transducer, Alloy Steel/Stainless Steel NTEP 1:10,000 Class III L Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 700 ohms +/- 5 Input Resistance: 750 ohms Material/Finish: Alloy steel, stainless steel (part # 76698) Temperature: Compensated range 14°F to 113°F/-10°C to 45°C	Safe Overload: 150% Full scale Rated Excitation: 10V AC/DC Combined Error: 0.03% Full scale Insulation Resistance: 5000 megohms Seal Type: Environmentally sealed	Cable Length: 35 ft/10.7 m, 75 ft/22.8 m (stainless steel only) Cable Diameter: .190 polyurethane jacket Cable Color Code: Green+ Excitation Black.....- Excitation White+ Signal Red- Signal Yellow Shield	Warranty: One-year limited warranty Approvals:
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Dimensions

RATED CAPACITY	H	H1	R	R1	R2	T
lb/inches						
20,000	2.00	.75	4.50	4.42	1.00	3/8-24 UNF
50,000	2.50	1.00	5.50	5.42	1.50	7/16-20 UNF
100,000	2.63	1.13	5.50	5.42	1.50	7/16-20 UNF
kg/mm						
9071.9	50.8	19.1	114.3	112.3	25.4	3/8-24 UNF
22,679.6	63.5	25.4	139.7	137.7	38.1	7/16-20 UNF
45,359.2	66.8	28.7	139.7	137.7	38.1	7/16-20 UNF

Order Information

LOAD RATING	PART #	PRICE
Alloy Steel-NTEP 1:10000		
50,000 lb (22,679.6 kg)	36179	\$1,440.00
100,000 lb (45,359.2 kg)	36180	1,540.00
Alloy Steel-Non-NTEP		
20,000 lb (9071.9 kg)	36178	1,340.00
Stainless Steel-Non-NTEP with spark gap*		
100,000 lb (45,359.2 kg)	76698	2,140.00
Replacement Rocker Pin for TWM mount		
50K-100K (22,680-45,359 kg)	161047	50.00

*RLWS or HBM does not guarantee complete immunity to potential damage caused by lightning or welding

Weight Module Available

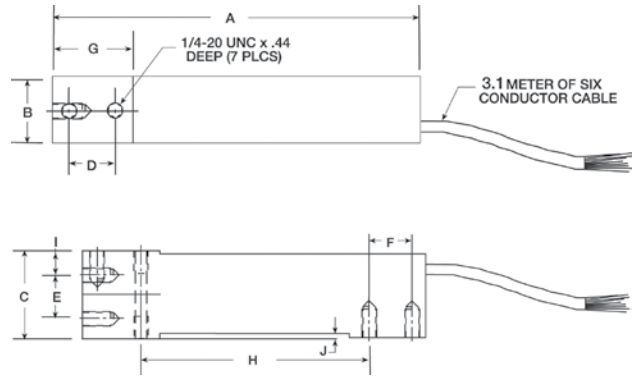
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	TWM	N/A

SP4M

Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
350 ohms +/- 3

Input Resistance:
350 min

Material/Finish:
Anodized Aluminum

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.02% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:
5-100 kg ≤ .015 in/0.4 mm

Seal Type:
Environmentally sealed

Cable Length:
10 ft/3.1 m

Cable Diameter:
.190 PVC jacket

Cable Color Code:
Blue+ Excitation
Black.....- Excitation
Green.....+ Sense
Grey.....- Sense
White.....+ Signal
Red.....- Signal
Yellow..... Shield

Warranty:
One-year limited warranty

Approvals:
FM APPROVED IP68 CE

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J
kg/mm										
7-100	150.3	25.4	39.9	19.1	19.1	19.1	33.8	99.6	11.4	2.4
lb/inches										
15.4-220.5	5.92	1.0	1.57	.75	.75	.75	1.33	3.92	.45	.093

Order Information

LOAD RATING	PART #	PRICE
7 kg	72764	\$205.00
10 kg	72765	205.00
15 kg	72767	205.00
20 kg	72769	205.00
30 kg	72771	205.00
50 kg	72776	205.00
75 kg	72777	205.00
100 kg	72778	205.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
*Rice Lake Weighing Systems	RLSP4	170
Rice Lake Weighing Systems	RL1042	173
VPG Tedeo-Huntleigh	1042	331

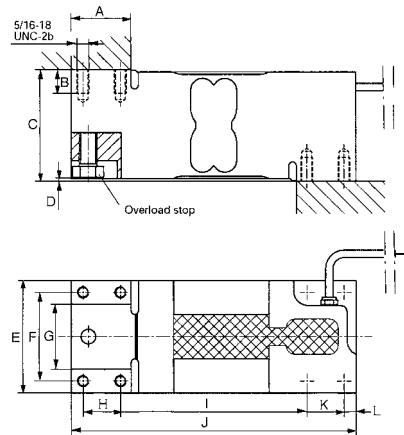
*Color code is different

PW12

Single Point, Aluminum IP67, NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V	Safe Overload: 150% Full scale
Output Resistance: 330-430 ohms	Rated Excitation: 10V DC (15V maximum)
Input Resistance: 300-500 ohms	Total Error: 0.02% Full scale
Material/Finish: Aluminum	Insulation Resistance: 1000 megohms
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Seal Type: Environmentally sealed, IP67

Cable Length: 10 ft/3.1 m	Warranty: One-year limited warranty
Cable Diameter: .190 PVC jacket	Approvals:
Cable Color Code:	 Available upon request
Blue+ Excitation	
Black.....- Excitation	
Green.....+ Sense	
Grey.....- Sense	
White.....+ Signal	
Red.....- Signal	

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J	K	L
lb/inches												
110.2-2205.0	1.57	.62	2.95	.05	2.99	2.36	1.73	.98	4.92	7.51	.98	.31
kg/mm												
50-1000	40	16	75	1.5	76	60	44	25	125	191	25	8

Order Information

LOAD RATING	PART #	PRICE
50 kg (110.2 lb)	76041	\$300.00
75 kg (165.4 lb)	76042	300.00
100 kg (220.5 lb)	76040	300.00
150 kg (330.7 lb)	76043	300.00
200 kg (440.9 lb)	76044	300.00
250 kg (551.2 lb)	76045	300.00
300 kg (661.4 lb)	76046	300.00
500 kg (1102.3 lb)	76047	300.00
635 kg (1400.1 lb)	76048	300.00
1000 kg (2205.0 lb)	76049	300.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
*Rice Lake Weighing Systems	RLPWM12	171
Rice Lake Weighing Systems	RL1250	179
Vishay Tedeia-Huntleigh	1250	343

*Color code is different

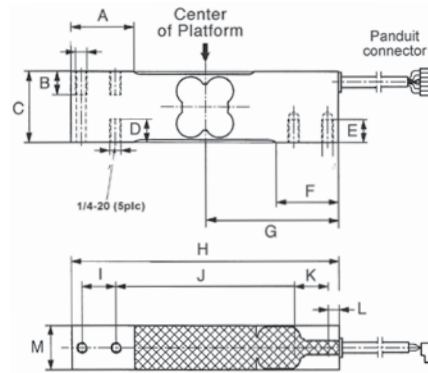
PW15

Single Point, Stainless Steel IP67 1:5000 Class III Single Cell

HBM






Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V	Safe Overload: 150% Full scale
Output Resistance: 359 ohms +/- 5	Rated Excitation: 10V DC (15V maximum)
Input Resistance: 380 +/- 15	Total Error: 0.02% Full scale
Material/Finish: Stainless steel	Insulation Resistance: 1000 megohms
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Seal Type: Environmentally sealed

Cable Length: 10 ft/ 3.1 m	Warranty: One-year limited warranty
Cable Diameter: .190 PVC jacket	Approvals:
Cable Color Code:	   Available upon request
Blue+ Excitation	
Black.....- Excitation	
Green+ Sense	
Grey- Sense	
White+ Signal	
Red- Signal	

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J	K	L	M
lb/inches													
22.1-220.5	1.37	.51	1.57	.51	.51	1.37	2.95	5.90	.74	3.93	.74	.24	.98
kg/mm													
10-100	35	13	40	13	13	35	75	150	19	100	19	6.2	25

Order Information NTEP

LOAD RATING	PART #	PRICE
10 kg (22.1 lb)	76769	\$325.00
15 kg (33.1 lb)	76771	325.00
20 kg (44.1 lb)	76772	325.00
30 kg (66.2 lb)	76773	325.00
50 kg (110.3 lb)	76774	325.00
75 kg (165.3 lb)	76775	325.00
100 kg (220.5 lb)	76776	325.00
150 kg (330.7 lb)	84820	325.00
OIML		
7.5 kg (16.5 lb)	156864	\$295.00
10 kg (22.1 lb)	165101	295.00
15 kg (33.1 lb)	156865	295.00
20 kg (44.1 lb)	156866	295.00
30 kg (66.2 lb)	156867	295.00
50 kg (110.3 lb)	156868	295.00
75 kg (165.3 lb)	156869	295.00
100 kg (220.5 lb)	156870	295.00

*Metric thread

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RLPWM15	166

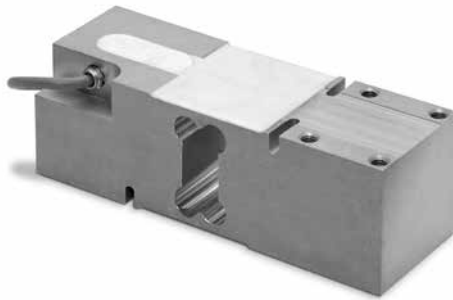
*Color code is different

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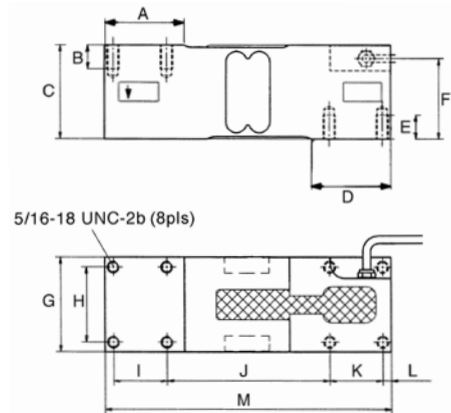


PW16

Single Point, Aluminum IP67, NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0mV/V

Output Resistance:
300-500 ohms

Input Resistance:
300-500 ohms

Material/Finish:
Aluminum

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Total Error:
0.02% Full scale

Insulation Resistance:
2000 megohms

Seal Type:
Environmentally sealed, IP67

Cable Length:
10 ft/3.1 m

Cable Diameter:
.100 PVC jacket

Cable Color Code:
Blue+ Excitation
Black.....- Excitation
Green.....+ Sense
Grey.....- Sense
White.....+ Signal
Red.....- Signal

Warranty:
One-year limited warranty

Approvals:

 Available upon request

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J	K	L	M
lb/inches													
66.1-1401.1	2.04	.62	2.45	2.36	.62	2.05	2.48	1.96	1.37	4.21	1.37	.21	7.40
kg/mm													
30-635	52	16	62.3	60	16	52.3	63	50	35	107	35	5.5	188

Order Information

LOAD RATING	PART #	PRICE
30 kg (66.1 lb)	76083	\$275.00
50 kg (110.2 lb)	76084	275.00
75 kg (165.4 lb)	76085	275.00
100 kg (220.5 lb)	76086	275.00
150 kg (330.7 lb)	76087	275.00
200 kg (440.9 lb)	76088	275.00
250 kg (551.2 lb)	76089	275.00
300 kg (661.4 lb)	76090	275.00
500 kg (1102.3 lb)	76091	275.00
635 kg (1401.1 lb)	76092	275.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
*Rice Lake Weighing Systems	RLPWM16	172
Rice Lake Weighing Systems	RL1260	178
Vishay TedeA-Huntleigh	1260	340

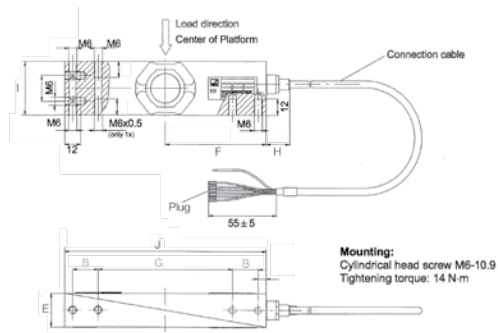
*Color code is different

PW15AH

Single Point, Stainless Steel IP69K, Hermetically Sealed, NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0mV/V

Output Resistance:

350 ohms +/- 10

Input Resistance:

380 ohms +/- 15

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Rated Excitation:

10V DC (15V maximum)

Total Error:

0.02% Full scale

Insulation Resistance:

1000 megohms

Seal Type:

Hermetically sealed, IP69K

Cable Length:

10 ft/3.1 m

Cable Diameter:

.212 PVC jacket

Cable Color Code:

- Blue+ Excitation
- Black.....- Excitation
- Green+ Sense
- Grey- Sense
- White+ Signal
- Red- Signal

Warranty:

One-year limited warranty

Approvals:



Available upon request

Dimensions

RATED CAPACITY	B	E	F	G	H	I	J	K
lb/inches								
22/220.5	.75	.98	2.95	3.94	.69	1.57	5.91	.75
kg/mm								
10-100	19	25	75	100	17.5	40	150	19

Order Information

LOAD RATING	PART #	PRICE
10 kg	101915	\$625.00
20 kg	101916	625.00
50 kg	101917	625.00
100 kg	101918	625.00

Interchangeable Products

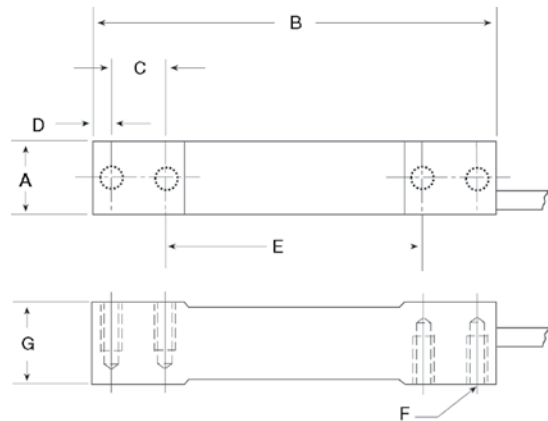
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RLPWM15	166

PWS

Single Point, Stainless Steel NTEP 1:3000 Class III Single Cell, OIML C3, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
350 ohms +/- 3

Input Resistance:
350

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.03% Full scale

Insulation Resistance:
1000 megohms

Seal Type:
Environmentally sealed, IP67

Cable Length:
10 ft/3.1 m

Cable Diameter:
.190 polyurethane jacket

Cable Color Code:
Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal
Yellow Shield

Deflection:
< .4 mm FS

Warranty:
One-year limited warranty

Approvals:




Dimensions

RATED CAPACITY	A	B	C	D	E	F	G
kg/mm							
7-15	30.2	139.7	19.1	6.4	88.9	1/4-20UNC	19.1
30-60	30.2	139.7	19.1	6.4	88.9	1/4-20UNC	23.9
100-150	30.2	139.7	22.3	7.8	79.2	3/8-16UNC	30.7
lb/inches							
15.4-33.1	1.19	5.50	.75	.25	3.50	1/4-20UNC	.75
66.1-132.3	1.19	5.50	.75	.25	3.50	1/4-20UNC	.94
220.5-330.7	1.19	5.50	.88	.31	3.12	3/8-16UNC	1.21

Order Information

LOAD RATING	PART #	PRICE
PWS NTEP 1:3000		
7 kg (15.4 lb)	36185	\$325.00
10 kg (22.0 lb)	36186	325.00
15 kg (33.1 lb)	36187	325.00
30 kg (66.1 lb)	36188	325.00
60 kg (132.3 lb)	36189	325.00
100 kg (220.5 lb)	68551	325.00
150 kg (330.7 lb)	69345	325.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1380	176

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Compression Canister

Page 254 **1200, Alloy Steel/Aluminum**



The 1200 Series' compact design permits smaller, more compact testing machines, portability and allows for weighing systems of substantially smaller dimensions. Resistance to extraneous forces produces high fatigue life, permits less stringent mounting alignment, and reduces the possibility of reading errors. Capacities from 1000 to 100,000lb (453.6 to 45,359.2 kg). Complete with 10ft/ 3.1 m of load cell cable.

Page 255 **3200, Stainless Steel**



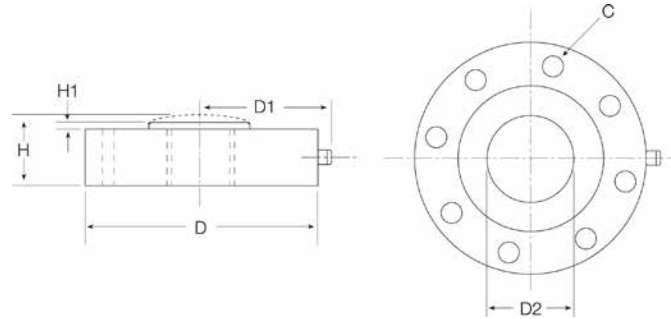
The 3200 Series stainless steel load cells are designed specifically for difficult applications in harsh environments. These units incorporate welded stainless steel diaphragms to resist corrosion and to seal against moisture intrusion. These load cells provide high accuracy, resistance to off-center loads with minimum error, excellent temperature specifications, and low height envelope for ease of installation. Capacities from 5000 to 100,000lb (2268.0 to 45,359.2 kg). Complete with 20ft/ 6.1 m of load cell cable.

1200 Series

Compression Canister, Low Profile Alloy Steel/Aluminum



Picture is a representation of Model 1211



Specifications

<p>Full Scale Output: 2.0 mV/V (1000-2000 lb) 4.0 mV/V (5000-100,000 lb)</p> <p>Bridge Resistance: 350 ohms, nominal</p> <p>Material/Finish: 1000-2000 lb-Aluminum 5000-100,000 lb-Alloy steel</p>	<p>Temperature: Compensated range 15°F to 115°F/-9°C to 46°C</p> <p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V DC (20V maximum)</p> <p>Nonlinearity: 0.05% Full scale</p>	<p>Hysteresis: 0.02-0.04% Full scale</p> <p>Insulation Resistance: 5000 megohms</p> <p>Seal Type: Environmentally sealed</p> <p>Cable Length: 10 ft/3.1 m</p>	<p>Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal</p> <p>Warranty: Two-year limited warranty</p>
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Dimensions

RATED CAPACITY	C	D	D1	D2	H	H1
lb/inches						
1000-10,000	.28 Dia. 8 Holes	4.12	2.63	1.34	1.37	.12
25,000-50,000	.34 Dia. 4 Holes	4.75	2.95	1.57	1.75	.12
100,000	.47 Dia. 12 Holes	7.50	4.32	3.12	2.25	.25
kg/mm						
453.6-4535.9	7.1 Dia. 8 Holes	104.6	66.8	34.0	34.8	3.0
11,339.8-22,679.6	8.6 Dia. 4 Holes	120.7	74.9	39.9	44.5	3.0
45,359.2	11.9 Dia. 12 Holes	190.5	109.7	79.2	57.2	6.4

Order Information

LOAD RATING		PART #	PRICE
Aluminum			
1000 lb	(453.6 kg)	36132	\$1,195.00
2000 lb	(907.2 kg)	36133	1,195.00
Alloy Steel			
5000 lb	(2268.0 kg)	36134	1,295.00
10,000 lb	(4535.9 kg)	36135	1,295.00
25,000 lb	(11,339.8 kg)	36136	1,445.00
50,000 lb	(22,679.6 kg)	36137	1,445.00
100,000 lb	(45,359.2 kg)	36138	2,295.00

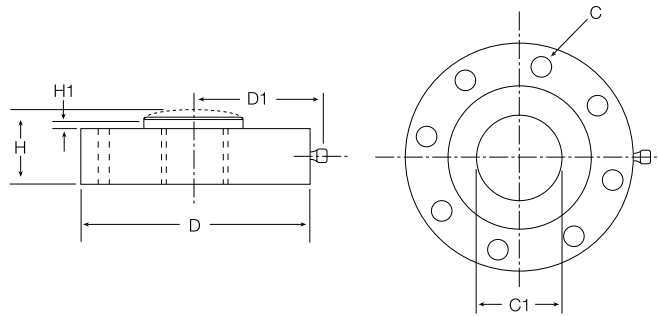
Consult factory for load cell bases

3200 Series

Compression Canister, Low Profile Stainless Steel, Hermetically Sealed, IP66/68



Picture is a representation of Model 3211



Specifications

Full Scale Output: 4.0 mV/V Bridge Resistance: 350 ohms, nominal Material/Finish: Stainless steel Temperature: Compensated range 15°F to 115°F/-9°C to 46°C	Safe Overload: 150% Full scale Rated Excitation: 10V DC (20V maximum) Nonlinearity: 0.05% Full scale Hysteresis: 0.04% Full scale	Insulation Resistance: 5000 megohms Seal Type: Hermetically sealed Cable Length: 20 ft/6.1m	Cable Color Code: Red + Excitation Black..... - Excitation Green + Signal White - Signal Warranty: Two-year limited warranty
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Dimensions

RATED CAPACITY	C	C1	D	D1	H	H1
lb/inches						
5000-10,000	.28 Dia. 8 Holes	1.34	4.12	2.56	1.37	.12
25,000-50,000	.34 Dia. 4 Holes	1.57	4.75	2.87	1.75	.12
100,000	.47 Dia. 12 Holes	3.12	7.50	4.25	2.25	.25
kg/mm						
2268.0-4535.9	7.1 Dia. 8 Holes	34.0	104.6	65.0	34.8	3.0
11,339.8-22,679.6	8.6 Dia. 4 Holes	39.9	120.7	72.9	44.5	3.0
45,359.2	11.9 Dia. 12 Holes	79.2	190.5	108.0	57.2	6.4

Order Information

LOAD RATING		PART #	PRICE
5000 lb	(2268.0 kg)	36140	\$1,495.00
10,000 lb	(4535.9 kg)	36141	1,495.00
25,000 lb	(11,339.8 kg)	36142	1,695.00
50,000 lb	(22,679.6 kg)	36143	1,695.00
100,000 lb	(45,359.2 kg)	36144	2,895.00

Consult factory for load cell bases

Notes




INTERFACE




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InterFace

Table of Contents




S-Beams




Page 261	363, Alloy Steel	 <p>S-beam type load cell with a compact and economical design. Ideally suited for scale conversions and general-purpose weighing. NTEP certified capacities from 100 to 10,000lb (45.4 to 4535.9kg); non-NTEP capacity of 50lb (22.7kg). Includes 20ft/6.1m of load cell cable.</p>	 
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Page 262	9363, Stainless Steel	 <p>A stainless steel S-beam type load cell with a compact and economical design. Ideally suited for scale conversions and general-purpose weighing. NTEP certified capacities from 100 to 10,000lb (45.4 to 4535.9kg); non-NTEP capacity of 50lb (22.7kg). Includes 20ft/6.1m of load cell cable. Trimmed outputs makes installation easy.</p>	 
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Page 263	BSP, Stainless Steel	 <p>Welded seal stainless steel S-beam load cell designed for compression and tension. Ideal for scale conversions and general-purpose weighing. NTEP certified capacities from 100 to 5000lb (45.4 to 2268.0kg); non-NTEP capacity of 10,000lb (4535.9). Integral 30ft/9.2m cable.</p>	 
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Single-Ended Beams

Page 264	5123, Alloy Steel	 <p>Low-cost, high performance, single-ended beam designed for low-profile scales and process weighing in both trade and non-trade applications. Capacities of 1000 to 10,000lb (453.6 to 4535.9kg). Supplied with a 20ft/6.1m cable.</p>	 
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Page 265	9123, Stainless Steel	 <p>Low-cost, high performance, single-ended, stainless steel beam designed for low-profile scales and process weighing in both trade and non-trade applications. Capacities of 250 to 10,000lb (453.6 to 4535.9kg). Supplied with a 20ft/6.1m cable.</p>	 
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Page 266	9523, Stainless Steel	 <p>Single-ended beam offers both welded sealing and stainless steel construction for use in most hostile environments. Applications include platform scales and process weighing. Capacities from 1000 to 10,000lb (453.6 to 4535.9kg).</p>	
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Page 267	9102, Stainless Steel	 <p>The Model 9102 is a form, fit and function for the RTI 5102. It's constructed of stainless steel and ideally suited for the toughest industrial applications where high accuracy and low profile are required. Capacities from 200 to 2500lb (90.7 to 1134.0kg). Complete with 10ft/3.1m of load cell cable.</p>	 
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Single-Ended Beams

Page 268

5102, Alloy Steel



The model 5102 is a single-ended beam type load cell. Below 500 lb (226.8 kg) and above are constructed as shear beams. Its high accuracy, low profile and redundant sealing make it well suited for use in small and medium platform scales and process applications in harsh environments. Capacities of 50 to 10,000 lb (22.7 to 4535.9 kg). Supplied with a 10'3.1 m cable.



Page 269

5723 Link Beam, Alloy Steel



High-performance single-ended link beam uses a well-proven link-loading technique. This low-cost and flexible loading method allows load movement without reading error in tanks, hoppers and platform scales. Capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg).



Page 270

SHB, Stainless Steel



The SHB model is stainless steel and features a welded seal for tough industrial environments where high accuracy and low profile are required. Capacities from 20 to 200 kg (44.1 to 440.9 lb). Integral 10'3.1 m cable.



Page 271

SSB, Stainless Steel



Rugged and precise, this single-ended beam offers welded seal protection and stainless steel construction. Designed for use in the most hostile environments. Applications include platform scales, materials testing and process weighing. NTEP-certified capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg).



Double-Ended Beams

Page 272

5103, Alloy Steel



Designed for truck, track, and process weighing. High accuracy, low profile, tolerance to non-axial loading and redundant seal. NTEP-certified capacities from 150,000 to 250,000 lb (2268.0 to 113,398.1 kg). Complete with 30'9.2 m of load cell cable.



Page 273

9103, Stainless Steel



Stainless steel double-ended beam designed for truck, track, and process weighing. High accuracy, low profile, and tolerance to non-axial loading and redundant seal. Capacities from 5000 to 150,000 lb (2268.0 to 68,038.9 kg). NTEP-certified capacities from 10,000 to 100,000 lb. Non-NTEP in 5,000 and 150,000 lb capacities. Complete with 30'9.2 m of load cell cable.



Page 274

5223, Alloy Steel



Very high-performance end-loaded, center-supported double-ended beam designed for low-profile truck and truck scales in harsh environments. Parallel link loading provides free movement in all horizontal directions with virtually no friction. Capacities from 50,000 to 100,000 lb (22,679.6 to 45,359.2 kg). Complete with 40' of load cell cable. Optional overbraid available.



Page 275

9223, Stainless Steel









Very high-performance end-loaded, center-supported double-ended beam designed for low-profile truck and track scales in harsh environments. Parallel link loading provides free movement in all horizontal directions with virtually no friction. Capacities from 50,000 to 125,000 lb (22,679.6 to 56,699.1 kg). Supplied with 40' of load cell cable. Stainless alternative to the popular RTI model 5223.



Table of Contents

Double-Ended Beams

Page 276	9803, Stainless Steel	 <p>This center loaded double-ended beam is the newest addition to the full-line of Revere Transducer products. Featuring full stainless steel construction this model is ideal for both truck scale and process weighing applications. Available in 50,000lb and 65,000lb capacities. Each unit is provided with a standard 18.6ft/6m of load cell cable.</p>	
Page 277	9323, Stainless Steel	 <p>Very high-performance end-loaded, center-supported double-ended beam designed for low-profile truck and truck scales in harsh environments. Parallel link loading provides free movement in all horizontal directions with virtually no friction. Available in 50,000 and 60,000lb and 75,000lb capacities (22,679.6, 27,483.5kg and 34,019.4kg) with 30ft of load cell cable.</p>	
Page 278	9423, Stainless Steel	 <p>Very high-performance end-loaded, center-supported double-ended beam designed for low-profile truck and truck scales in harsh environments. Parallel link loading provides free movement in all horizontal directions with virtually no friction. Available in 50,000 and 60,000lb (22,679.6 to 27,483.5kg). Complete with 30ft of load cell cable.</p>	

Compression Canisters











Page 279	ASC, Stainless Steel	 <p>The ASC is a single column, stainless steel welded compression load cell. This with the welded IP68 rating make this cell a good choice in applications requiring superb protection. The built in surge protection also protects the cell from electrical overloads. It is NTEP approved and comes with 15m of load cell cable.</p>	
Page 280	RLC, Stainless Steel	 <p>The RLC is a low profile, high performance ring torsion type load cell in stainless steel. This product is suitable for small and medium platform scales as well as process weighing. Capacities from 500 to 5000kg (1102.3 to 11,023.1 lb).</p>	
Page 281	CP, Stainless Steel	 <p>Welded-seal canister cell designed for compression service only. High-capacity transducers built for reliability, durability and extreme precision. Compression Precision (CP) cells are recommended for most industrial applications. Single or dual bridges available for 10,000 to 500,000lb (4535.9 to 226,796.2kg). Integral 30ft/ 9.2m cable.</p>	
Page 282	CSP, Stainless Steel	 <p>Welded-seal stainless steel canister cell designed for compression service only. High-capacity transducers built for reliability, durability and extreme precision. Compression Super Precision (CSP) cells are ideal for applications where optimum precision is needed. Single or dual bridges available for 10,000lb (4535.9kg) only. NTEP Certified capacities from 25,000 to 200,000lb (11,339.8 to 90,718.5kg); non-NTEP capacities from 10,000 to 500,000lb (4535.9 to 226,796.2kg). Integral 30ft/ 9.2m cable.</p>	
Page 283	792, Stainless Steel	 <p>Single-column design with low deflection and welded-seal for trouble-free operation. High-alloy steel, epoxy coated for trouble-free use in harsh environments. Capacities from 500,000 to 200,000lb (22,679.6 to 90,718.5kg). Compact and rugged.</p>	

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Compression Canisters

Page 284 **92, Stainless Steel**



High-profile, high accuracy compression type load cell for truck, tank, track and hopper applications. Ideally suited for harsh environments Available in 50 k and 100 k capacities. Each cell comes with 40ft/12.2 m of cable. 50,000lb (22,679.6 kg) and 100,000lb (45,359.2 kg) capacities



Single Points

Page 285 **462, Alloy Steel**



Very high-performance single-point cell designed for high-precision counter scales. Negligible error from off-center loading. Resistant to severe impact loading. Good water resistance. Capacities from 2 to 250lb (.9 to 113.4 kg). Includes 10ft/3.1 m of load cell cable.



Page 286 **HPS, Stainless Steel**



Low-profile single-point load cell designed for bench scale and checkweigher applications in caustic/acidic environments. Insensitive to off-center loading. Tolerates most severe washdowns. Capacities from 13.2 to 100lb (6 to 45.4 kg). Includes 10ft/3.1 m of load cell cable.



Page 287 **HPSM, Metric Envelope Stainless Steel**

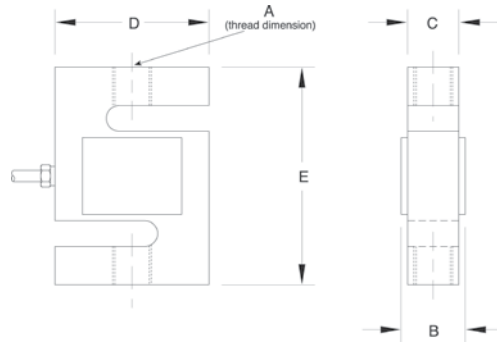


Metric envelope. Low-profile single-point load cell designed for bench scale and checkweigher applications in caustic/acidic environments. Insensitive to off-center loading. Tolerates most severe washdowns. Capacity of 6 kg (13.2lb). Includes 10ft/3.1 m of load cell cable.





Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
390 ohms +/-15

Input Resistance:
430 ohms +/- 60

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Manufacturer Model Number:
363-B10-XX-20P1 (NTEP)

Safe Overload:
150% Full Scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.02% Full Scale

Non-repeatability:
0.01% Full Scale

Insulation Resistance:
5000 megohms

Seal Type:
Environmentally sealed, IP67

Cable Length:
20 ft/ 6.m

Cable Color Code:
Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal
Transparent..... Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
50-300	1/4-28 UNF-2B	.65	.50	2.00	2.50
500-1500	1/2-20 UNF-2B	.90	.75	2.00	2.50
2000	1/2-20 UNF-2B	1.15	1.00	2.00	2.50
3000	1/2-20 UNF-2B	1.15	1.00	3.00	4.00
5000-10,000	3/4-16 UNF-2B	1.15	1.00	3.00	4.00
kg/mm					
22.7-136.1	1/4-28 UNF-2B	16.5	12.7	50.8	63.5
226.8-680.4	1/2-20 UNF-2B	22.9	19.1	50.8	63.5
907.2	1/2-20 UNF-2B	29.2	25.4	50.8	63.5
1360.8	1/2-20 UNF-2B	29.2	25.4	76.2	101.6
2268.0-4535.9	3/4-16 UNF-2B	29.2	25.4	76.2	101.6

Order Information

LOAD RATING		PART #	PRICE
NTEP 1:10,000			
100 lb	(45.4 kg)	21463	\$295.00
200 lb	(90.7 kg)	21464	295.00
300 lb	(136.1 kg)	21465	295.00
500 lb	(226.8 kg)	21466	295.00
750 lb	(340.2 kg)	21467	295.00
1000 lb	(453.6 kg)	21468	295.00
1500 lb	(680.4 kg)	21469	295.00
2000 lb	(907.2 kg)	21470	295.00
3000 lb	(1360.8 kg)	21471	295.00
5000 lb	(2268.0 kg)	21472	465.00
10,000 lb	(4535.9 kg)	21473	465.00
Non-NTEP			
50 lb	(22.7 kg)	17043	295.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL20000	115

Weigh Module Available

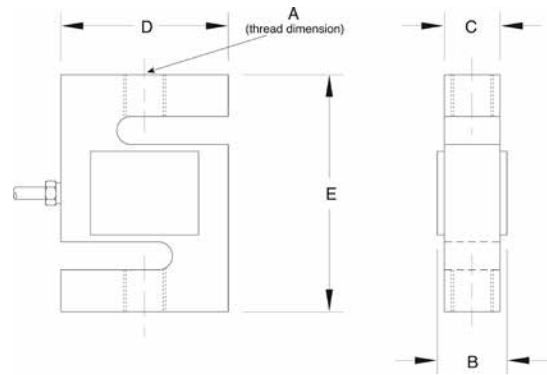
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

9363

S-Beam, Stainless Steel NTEP 1:10,000 Class III Single Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V

Output Resistance:
350 ohms +/- 3.5

Input Resistance:
390 ohms +/- 15

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Manufacturer Model Number:
9363-B10-XX-20T1 (NTEP)
9363-D3-XX-20T1 (Non-NTEP)

Safe Overload:
150% Full Scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.025% Full Scale

Non-repeatability:
0.01% Full Scale

Insulation Resistance:
5000 megohms

Seal Type:
Environmentally sealed, IP67

Cable Length:
20 ft/6.1 m

Cable Color Code:

- Red + Excitation
- Black - Excitation
- Green + Signal
- White - Signal
- Transparent Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
50-300	1/4-28 UNF-2B	.65	.46	2.00	2.40
500-1500	1/2-20 UNF-2B	.90	.71	2.00	2.40
2000-2500	1/2-20 UNF-2B	1.13	.96	2.00	2.40
3000	1/2-20 UNF-2B	1.13	.96	3.00	3.90
5000	3/4-16 UNF-2B	1.13	.96	3.00	3.90
10,000	3/4-16 UNF-2B	1.63	1.21	2.94	3.90
kg/mm					
22.7-136.1	1/4-28 UNF-2B	16.5	11.7	50.8	61.0
226.8-680.4	1/2-20 UNF-2B	22.9	18.0	50.8	61.0
907.2	1/2-20 UNF-2B	29.2	24.4	50.8	61.0
1360.8	1/2-20 UNF-2B	29.2	24.4	76.2	99.1
2268.0-4535.9	3/4-16 UNF-2B	29.2	24.4	76.2	99.1

Order Information

LOAD RATING	PART #	PRICE
NTEP 1:10,000		
100 lb (45.4 kg)	31317	\$295.00
200 lb (90.7 kg)	31316	295.00
300 lb (136.1 kg)	31315	295.00
500 lb (226.8 kg)	31314	295.00
750 lb (340.2 kg)	31313	295.00
1000 lb (453.6 kg)	31312	295.00
1500 lb (680.4 kg)	31311	295.00
2000 lb (907.2 kg)	31310	295.00
2500 lb (1134.0 kg)	98875	295.00
3000 lb (1360.8 kg)	31309	395.00
5000 lb (2268.0 kg)	31318	475.00
10,000 lb (4535.9 kg)	31308	550.00
15,000 lb (6804.0 kg)	165260	675.00
20,000 lb (9072.0 kg)	165261	895.00
Non-NTEP		
50 lb (22.7 kg)	17076	295.00

Interchangeable Products

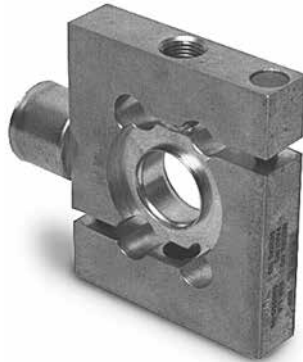
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL20000 SS	119
Rice Lake Weighing Systems	RL20000 ST	121

Weigh Module Available

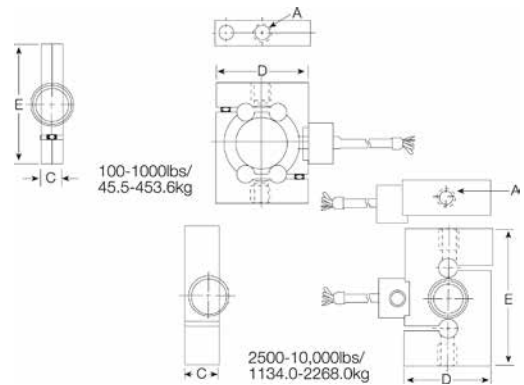
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

BSP

S-Beam, Stainless Steel Welded-Seal, IP67, NTEP 1:10,000 Class IIIL Single Cell



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 3.0mV/V</p> <p>Output Resistance: 390 ohms +/- 15</p> <p>Input Resistance: 390 ohms +/- 15</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Compensated range: 14°F to 104°F/-10°C to 40°C</p>	<p>Manufacturer Model Number: BSP-B10-XX-30P5 (NTEP) BSP-D3-XX-30P5 (Non-NTEP)</p> <p>Safe Overload: 150% Full Scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Combined Error: 0.03% Full Scale</p> <p>Non Repeatability: 0.01% Full Scale</p>	<p>Insulation Resistance: 5000 megohms</p> <p>Seal Type: Welded-seal, IP67</p> <p>Cable Length: 30 ft/ 9.2m</p> <p>Cable Color Code: Green+ Excitation Black.....- Excitation White+ Signal Red- Signal</p>	<p>Warranty: One-year limited warranty</p> <p>Approvals: </p>
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Dimensions

RATED CAPACITY	A	C	D	E
lb/inches				
100-250	3/8-24 UNF-3B	.94	2.48	3.32
500	1/2-20 UNF-3B	.71	2.44	3.50
1000	1/2-20 UNF-3B	.71	2.44	3.50
2500	1/2-20 UNF-3B	.95	2.44	3.75
5000-10,000	1-14 UNS-3B	1.44	2.44	4.75
kg/mm				
45.4-113.4	3/8-24 UNF-3B	23.9	63.0	84.3
226.8	1/2-20 UNF-3B	18.0	62.0	88.9
453.6	1/2-20 UNF-3B	18.0	74.7	88.9
1134.0	1/2-20 UNF-3B	24.1	62.0	95.3
2268.0-4535.9	1-14 UNS-3B	36.6	62.0	120.7

Order Information

LOAD RATING		PART #	PRICE
100 lb	(45.4 kg)	21447	\$775.00
250 lb	(113.4 kg)	21448	775.00
500 lb	(226.8 kg)	21449	775.00
1000 lb	(453.6 kg)	21450	775.00
2500 lb	(1134.0 kg)	21451	795.00
5000 lb	(2268.0 kg)	21452	825.00
Non-NTEP			
10,000 lb	(4535.9 kg)	17032	825.00

Weigh Module Available

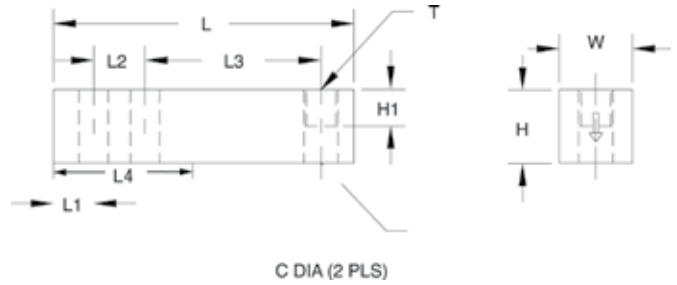
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

5123

Single-Ended Beam, Alloy Steel NTEP 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0mV/V	Manufacturer Model Number: 5123-A5-XX-20P1	Insulation Resistance: 1000 megohms	Cable Color Code: Red+ Excitation Black.....- Excitation Green.....+ Signal White- Signal Orange..... Shield
Output Resistance: 352 ohms +/- 3	Safe Overload: 150% Full scale	Deflection at Capacity: 1000 lb=.016 in/.4 mm, 2500 lb=.03 in/.8 mm, 4000 lb=.04 in/1.0 mm, 5000 lb=.035 in/.9 mm, 10,000 lb=.042 in/1.1 mm	Warranty: One-year limited warranty
Input Resistance: 350 ohms +/- 7	Safe Sideload: 100% Full scale	Seal Type: Environmentally sealed, IP67	Approvals:
Material/Finish: High-alloy steel, nickel plated	Rated Excitation: 10V DC (15V maximum)	Cable Length: 20 ft/6.1 m	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Combined Error: 0.025% Full scale		
	Non-repeatability: 0.01% Full scale		

Dimensions

RATED CAPACITY	C	C1	H	H1	L	L1	L2	L3	L4	T	W
lb/inches											
1000-4000	.53	.53	1.25	.62	5.12	.62	1.00	3.00	2.25	1/2-20 UNF-2B	1.25
5000-10,000	.78	.78	1.50	.75	6.75	.75	1.50	3.75	3.12	3/4-16 UNF-2B	1.50
kg/mm											
453.6-1814.4	13.5	13.5	31.8	15.8	130.0	15.8	25.4	76.2	57.2	1/2-20 UNF-2B	31.8
2268.0-4535.9	19.8	19.8	38.1	19.1	171.5	19.1	38.1	95.3	79.2	3/4-16 UNF-2B	38.1

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	21516	\$225.00
2500 lb (1134.0 kg)	21517	225.00
4000 lb (1814.4 kg)	21518	225.00
5000 lb (2268.0 kg)	21519	375.00
10,000 lb (4535.9 kg)	21520	375.00

Interchangeable Products

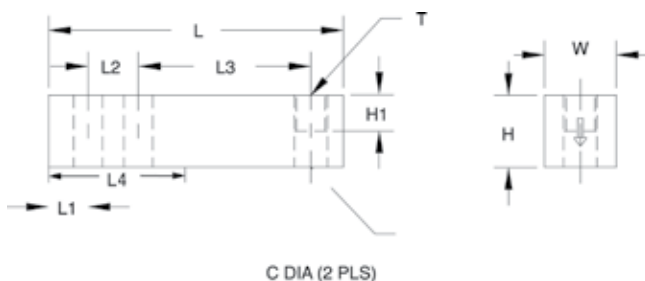
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL30000	125
VPG Tedeo-Huntleigh	3411	324
Artech	30310	—

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50
Rice Lake Weighing Systems	RL1800 Series	60



9123

Single-Ended Beam, Stainless Steel NTEP 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product

Specifications

Full Scale Output: 3.0mV/V	Manufacturer Model Number: 9123-A5-XX-20P1	Non-repeatability: 0.01% Full scale	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal Orange Shield
Output Resistance: 350 ohms +/- 3.5	Safe Overload: 150% Full scale	Insulation Resistance: 5000 megohms	Warranty: One-year limited warranty
Input Resistance: 350 ohms +/- 3.5	Safe Sideload: 100% Full scale	Seal Type: Environmentally sealed, IP67	Approvals:  
Material/Finish: Stainless steel	Rated Excitation: 10V DC (15V maximum)	Cable Length: 20 ft/ 6.1 m	
Temperature: Compensated range 0°F to 150°F/-18°C to 65°C	Combined Error: 0.02% Full scale		

Dimensions

RATED CAPACITY	C	H	H1	L	L1	L2	L3	L4	T	W
lb/inches										
250-5000 SE	.53	1.23	.67	5.12	.62	1.00	3.00	2.25	1/2-20 UNF-2B	1.23
5000-15,000	.78	1.45	.70	6.75	.75	1.50	3.75	3.12	3/4-16 UNF-2B	1.50
20,000	1.06	1.95	.98	8.75	1.00	2.00	4.75	4.00	1-12 UNF-2B	1.95
kg/mm										
453.6-1814.4	13.5	31.2	15.8	130.1	15.8	25.4	76.2	57.2	1/2-20 UNF-2B	31.2
2268.0-6804.0	19.8	38.1	19.1	171.5	19.1	38.1	95.3	79.2	3/4-16 UNF-2B	38.1
9072	26.9	49.5	24.8	222.2	25.4	50.8	120.6	101.6	1-12 UNF-2B	49.5

Order Information

LOAD RATING	PART #	PRICE
NTEP		
250 lb*	(113.4 kg) 69380	\$295.00
500 lb*	(226.8 kg) 69381	295.00
1000 lb*	(453.6 kg) 69382	295.00
2500 lb	(1134 kg) 69383	295.00
4000 lb	(1814.4 kg) 69384	295.00
5000 lb SE	(2268.0 kg) 69385	295.00
5000 lb	(2268.0 kg) 69386	375.00
10,000 lb	(4536.0 kg) 69387	375.00
15,000 lb	(6804.0 kg) 69388	645.00
20,000 lb	(9072.0 kg) 69389	645.00
Conduit Adapters		
**1/4-18 NPT	31534	30.00

SE refers to small envelope

*Load cell has integral foot

**Needs to be factory installed

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL39123	128
HBM	B35	237

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50
Rice Lake Weighing Systems	RL1800 Series	60

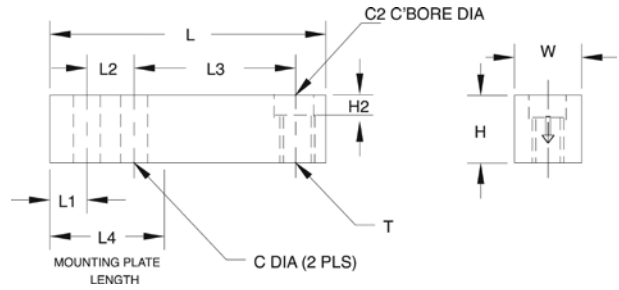
*Non-NTEP

9523


Single-Ended Beam, Stainless Steel Welded-Seal, IP67



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 3.0mV/V</p> <p>Output Resistance: 350 ohms +/- 3.5</p> <p>Input Resistance: +/- 3.5</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Compensated range 0°F to 150°F/-18°C to 65°C</p>	<p>Manufacturer Model Number: 9523-D3-XX-20P1</p> <p>Safe Overload: 150% Full scale</p> <p>Safe Sideload: 100% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Non-repeatability: 0.01% Full scale</p>	<p>Combined Error: 0.03% Full scale</p> <p>Insulation Resistance: 5000 megohms</p> <p>Deflection at Capacity: 1000 lb=.016 in/.4 mm, 2500 lb=.03 in/.8 mm, 4000 lb=.041 in/1.0 mm, 5000 lb=.035 in/.9 mm, 10,000 lb=.042 in/1.1 mm</p> <p>Seal Type: Welded-seal*, IP67</p>	<p>Cable Length: 20 ft/6.1 m</p> <p>Cable Color Code: Red+ Excitation Black.....- Excitation Green.....+ Signal White- Signal</p> <p>Warranty: One-year limited warranty</p> <p>Approvals: </p>
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Dimensions

RATED CAPACITY	C	C2	H	H2	L	L1	L2	L3	L4	T	W
lb/inches											
1000-4000	.53	.81	1.25	.56	6.12	1.62	1.00	3.00	3.38	1/2-20 UNF	1.25
5000-10,000	.78	1.19	1.50	.59	7.71	1.71	1.50	3.75	4.08	3/4-16 UNF	1.50
kg/mm											
453.6-1814.4	13.5	20.6	31.8	14.2	155.5	41.2	25.4	76.2	85.9	1/2-20 UNF	31.8
2268.0-4535.9	19.8	30.2	38.1	15.0	195.8	43.4	38.1	95.3	103.6	3/4-16 UNF	38.1

Order Information

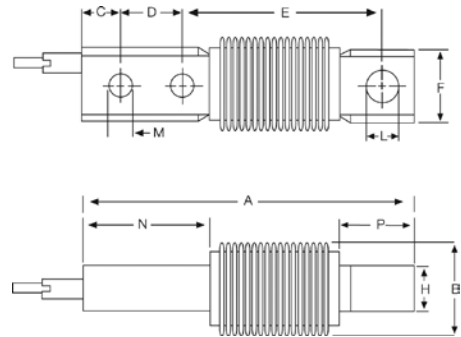
LOAD RATING		PART #	PRICE
1000 lb	(453.6 kg)	17221	\$545.00
2500 lb	(1134.0 kg)	17222	545.00
4000 lb	(1814.4 kg)	17223	545.00
5000 lb	(2268.0 kg)	17224	600.00
10,000 lb	(4535.9 kg)	17225	625.00

9102

Single-Ended Beam, Stainless Steel Welded-seal, NTEP 1:5000 Class III, IP66/68



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
350 ohms +/- 3.5

Input Resistance:
350 ohms +/- 3.5

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Manufacturer Model Number:
9102-A5-XX-10P1

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.03% Full scale

Non-repeatability:
0.01% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:
200 lb = .020 in/.51 mm,
500-2500 lb = .026 in/.66 mm

Seal Type:
Welded-seal, IP66/68

Cable Length:
10 ft/ 3.1 m

Cable Color Code:

- Red+ Excitation
- Black.....- Excitation
- Green+ Signal
- White- Signal
- Transparent..... Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	H	L	M	N	P
lb/inches											
200	5.00	1.53	.38	.62	3.50	1.22	.75	.39	.27	1.50	1.25
500-1000	5.38	1.53	.62	1.00	3.25	1.22	.75	.40	.40	2.07	1.20
2500	5.38	1.53	.62	1.00	3.25	1.22	.75	.53	.40	2.07	1.20
kg/mm											
90.7	127.0	39.0	9.7	15.9	88.9	31.0	19.0	9.9	6.8	38.1	31.8
226.8-453.6	136.7	39.0	15.8	25.4	82.6	31.0	19.0	10.3	10.3	52.6	30.5
1134.0	136.7	39.0	15.8	25.4	82.6	31.0	19.0	13.5	10.3	52.6	30.5

Order Information

LOAD RATING	PART #	PRICE
200 lb (90.7 kg)	40917	\$795.00
500 lb (226.8 kg)	40918	795.00
1000 lb (453.6 kg)	40919	795.00
2500 lb (1134.0 kg)	40920	795.00

Interchangeable Products

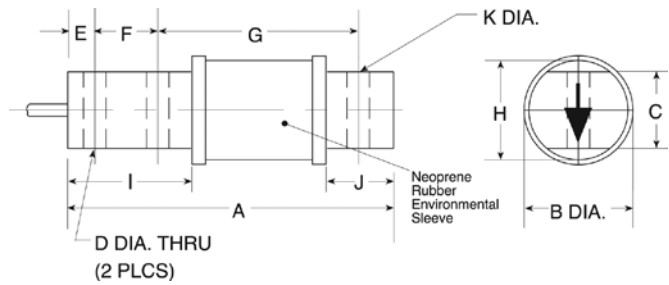
MANUFACTURER	MODEL	PAGE #
Revere Transducers	5102	268

5102

Single-Ended Beam, Alloy Steel, IP67



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 2.0 mV/V</p> <p>Output Resistance: 350 ohms +/- 3.5</p> <p>Input Resistance: 350 ohms +/- 3.5</p> <p>Material/Finish: High-alloy steel, nickel plated</p> <p>Temperature: Operating range 0°F to 150°F/-18°C to 65°C</p>	<p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Combined Error: 0.03% Full scale</p> <p>Non-repeatability: 0.01% Full scale</p> <p>Insulation Resistance: 5000 megohms</p>	<p>Deflection at Capacity: 50-200 lb=.020 in/.51 mm, 500-2500 lb=.026 in/.66 mm 5000-10,000 lb=0.38 in/.97 mm</p> <p>Seal Type: Environmentally sealed with neoprene sleeve, IP67</p> <p>Cable Length: 10 ft/3.1 m</p>	<p>Cable Color Code:</p> <p>Red+ Excitation Black.....- Excitation Green.....+ Signal White.....- Signal Transparent..... Shield</p> <p>Warranty: One-year limited warranty</p> <p>Approvals:</p> <p style="text-align: center;"></p>
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J	K
lb/inches											
50-200	5.00	1.25	.75	.27	.38	.62	3.50	1.23	1.50	1.25	.39
500-1000	5.38	1.25	.75	.41	.62	1.00	3.25	1.23	2.07	1.20	.41
2500	5.38	1.25	.75	.41	.62	1.00	3.25	1.23	2.07	1.20	.53
5000-10000	7.28	1.75	1.38	.66	.75	1.75	4.03	1.70	3.47	1.56	.78
kg/mm											
22.7-90.7	127.0	31.7	19.1	6.9	9.7	15.7	88.9	31.2	38.1	31.8	9.9
226.8-453.6	136.7	31.7	19.1	10.4	15.8	25.4	82.6	31.2	52.6	30.5	10.3
1134.0	136.7	31.7	19.1	10.4	15.8	25.4	82.6	31.2	52.6	30.5	13.5
2268.0-4535.9	184.9	44.4	34.9	16.8	19.1	44.5	102.4	43.2	88.1	39.6	19.8

Order Information

LOAD RATING	PART #	PRICE
50 lb (22.7 kg)	21709	\$485.00
100 lb (45.4 kg)	21710	485.00
200 lb (90.7 kg)	21711	485.00
500 lb (226.8 kg)	21712	485.00
1000 lb (453.6 kg)	21713	505.00
2500 lb (1134.0 kg)	21714	505.00
5000 lb (2268.0 kg)	21715	585.00
10,000 lb (4535.9 kg)	21716	585.00

Interchangeable Products

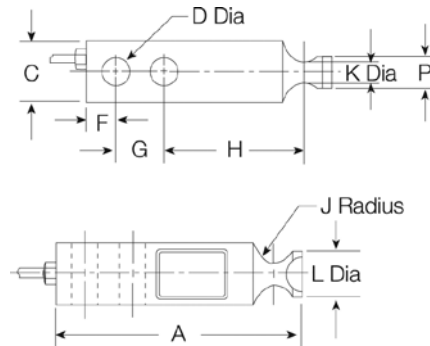
MANUFACTURER	MODEL	PAGE #
Revere Transducers	9102	267

5723

Link Beam, Alloy Steel NTEP 1:5000 Class III, Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
350 ohms +/- 3.5

Input Resistance:
350 ohms +/- 3.5

Material/Finish:
High-alloy steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Manufacturer Model Number:
5723-A5-XX-20P1

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V AC/DC (15V maximum)

Non-repeatability:
0.01% Full scale

Combined Error:
0.02% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:
1000 lb=.016 in/.4 mm,
2500 lb=.03 in/.8 mm,
4000 lb=.04 in/1.0 mm,
5000 lb=.035 in/.9 mm,
10,000 lb=.042 in/1.1 mm

Seal Type:
Environmentally sealed, IP67

Cable Length:
20 ft/6.1 m

Cable Color Code:

- Red+ Excitation
- Black.....- Excitation
- Green.....+ Signal
- White- Signal
- Transparent..... Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	C	D	F	G	H	J	K	L	P
lb/inches										
1000-4000	5.12	1.25	.53	.62	1.00	3.00	.44	.60	.92	.62
5000-10,000	6.75	1.50	.78	.75	1.50	3.75	.56	.86	1.20	.90
kg/mm										
453.6-1814.4	130.1	31.8	13.5	15.8	25.4	76.2	11.2	15.2	23.4	15.8
2268.0-4535.9	171.5	38.1	19.8	19.1	38.1	95.3	14.2	21.8	30.5	22.9

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	31396	\$315.00
1500 lb (680.4 kg)	79713	315.00
2500 lb (1134.0 kg)	31397	345.00
4000 lb (1814.4 kg)	31398	345.00
5000 lb (2268.0 kg)	31399	475.00
7500 lb (3401.9 kg)	85306	475.00
10,000 lb (4535.9 kg)	31400	475.00

Interchangeable Products

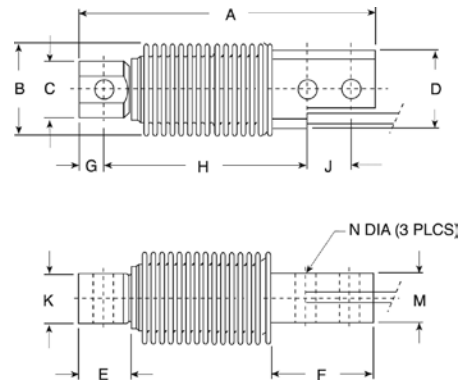
MANUFACTURER	MODEL
Artech	30410

SHB



Single-Ended Beam, Stainless Steel Welded-seal, IP67, NTEP 1:10,000 Class III Single Cell



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 2.0mV/V</p> <p>Output Resistance: 350 ohms +/- 3.5</p> <p>Input Resistance: 460 ohms +/- 50</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Compensated range 14°F to 104°F/-10°C to 40° C</p>	<p>Manufacturer Model Number: SHB-B10-XX-10P5</p> <p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Combined Error: 0.02% Full scale (SHB-A3)</p> <p>Non-repeatability: 0.01% Full scale</p>	<p>Insulation Resistance: 5000 megohms</p> <p>Deflection at Capacity: 20-200 kg = .4 mm/.015 in</p> <p>Seal Type: Welded-seal, IP67</p> <p>Cable Length: 10 ft/ 3.1 m</p>	<p>Cable Color Code:</p> <p>Green+ Excitation Black- Excitation White+ Signal Red- Signal Clear Shield</p> <p>Warranty: One-year limited warranty</p> <p>Approvals:</p>  
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	M	N
lb/inches												
44-441	4.72	1.50	.90	1.28	.83	1.65	.39	3.23	.71	.79	.79	.32
kg/mm												
20-200	120.0	38.0	22.9	31.7	21.2	42.0	10.0	82.0	18.0	20.0	20.0	8.20

Order Information

LOAD RATING		PART #	PRICE
NTEP 1:3000			
20 kg	(44.1 lb)	28801	\$430.00
50 kg	(110.2 lb)	28802	430.00
100 kg	(220.5 lb)	28803	430.00
200 kg	(440.9 lb)	28804	430.00

Interchangeable Products

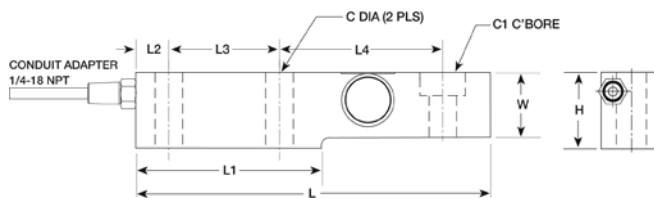
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RLHBB	144
VPG Celtron	HBB	200
HBM	Z6	243
VPG Tedeia-Huntleigh	355	327

SSB

Single-Ended Beam, Stainless Steel Welded-seal, IP67, NTEP 1:10,000 Class III L Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 ohms +/- 3.5

Input Resistance:

350 ohms +/- 3.5

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Manufacturer Model Number:

SSB-B10-XX-15P5

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Combined Error:

0.02% Full scale

Non-repeatability:

0.01% Full scale

Insulation Resistance:

5000 megohms

Deflection at Capacity:

1000-10,000 lb=.018 in/.45 mm

Seal Type:

Welded-seal*, IP67

Cable Length:

15 ft/4.6 m

Cable Color Code:

Green+ Excitation
Black- Excitation
White+ Signal
Red- Signal
Clear Shield

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	C	W	C1	C1	H	L	L3	L4	T	CONDUIT ADAPTER
lb/inches										
1000-5000	.53	1.44	.66	1.19	1.88	8.00	2.50	3.87	1.44	1/4-18NPT
10,000	.88	1.88	1.00	1.63	2.75	9.25	2.62	4.87	1.87	1/4-18NPT
kg/mm										
453.6-2268.0	14	36.5	16.7	30.2	47.8	203.2	63.5	98	36.5	1/4-18NPT
4535.9	22	47.5	25.4	41.4	69.9	235.0	66.5	123.6	47.5	1/4-18NPT

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	21538	\$685.00
2000 lb (907.2 kg)	21539	685.00
5000 lb (2268.0 kg)	21540	685.00
10,000 lb (4535.9 kg)	21541	760.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RLSSB	137
HBM	SB3	—

Weigh Module Available

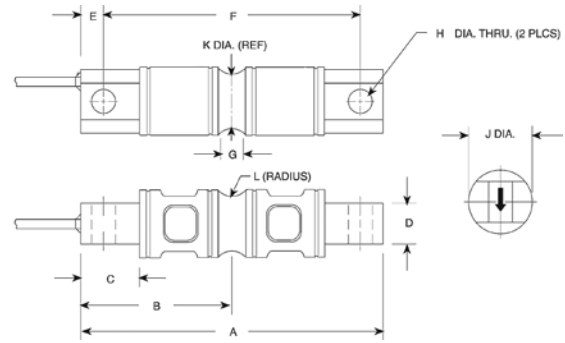
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1900 Series	62

5103



Double-Ended Beam, Alloy Steel NTEP 1:10,000 Class III L Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V Output Resistance: 700 ohms +/- 7 Input Resistance: 700 ohms +/- 7 Material/Finish: High-alloy steel, nickel plated Temperature: Compensated range 14°F to 104°F/-10°C to 40°C Manufacturer Model Number: 5103-B10-XX-30P1	Safe Overload: 150% Full scale Safe Sideload: 100% Full scale Rated Excitation: 10V DC (15V maximum) Non-repeatability: 0.01% Full scale Combined Error: 0.025% Full scale Insulation Resistance: 5000 megohms	Deflection at Capacity: 5000 lb=.02 in/.5 mm, 10,000 lb=.025 in/.6 mm, 20,000 lb=.042 in/1.1 mm, 30,000-50,000 lb=.02 in/.5 mm, 60,000 lb=.025 in/.6 mm, 100,000-150,000 lb=.02 in/.5 mm, 200,000-250,000 lb=.035 in/.9 mm Seal Type: Environmentally sealed, IP67 Cable Length: 18.6 ft/6 m (5K - 20K) 30 ft/9.2 m (30K - 250K)	Cable Diameter: .295 polyurethane jacket Cable Color Code: Red+ Excitation Black- Excitation Green+ Signal White- Signal Transparent Shield Warranty: One-year limited warranty Approvals:  
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L
lb/inches											
5000-10,000	8.12	4.06	1.44	1.12	.62	6.87	.62	.65	1.70	1.48	.50
20,000	8.12	4.06	1.44	1.12	.62	6.87	.84	.65	1.95	1.48	.50
30,000-75,000	10.25	5.12	1.88	2.37	.88	8.50	1.00	1.06	3.00	2.73	1.00
100,000	11.25	5.62	1.88	2.50	.88	9.50	1.00	1.06	3.50	3.24	1.50
150,000	11.25	5.62	1.88	2.80	.88	9.50	1.25	1.06	3.90	3.64	1.50
200,000-250,000	16.10	8.05	3.05	4.60	1.55	13.00	1.30	1.55	5.375	5.17	2.00
kg/mm											
2268.0-4535.9	206.3	103.1	36.6	28.5	15.8	174.4	15.8	16.5	43.2	37.6	12.7
9071.9	206.3	103.1	36.6	14.2	21.3	174.4	21.3	16.5	49.5	37.6	12.7
13,607.8-27,215.6	260.4	130.1	47.8	60.2	22.4	215.9	25.4	26.9	76.2	69.3	25.4
45,359.4	285.8	142.8	47.8	63.5	22.4	241.3	25.4	26.9	88.9	82.3	25.4
68,093.1	285.8	142.8	47.8	63.5	22.4	241.3	31.8	26.9	99.1	92.5	38.1
90,718.7-113,398.4	408.9	204.5	77.5	116.8	39.4	330.2	33.0	39.3	136.5	131.3	50.8

Order Information

LOAD RATING	PART #	PRICE
5000 lb (2268.0 kg)	34494	\$655.00
10,000 lb (4535.9 kg)	34495	655.00
20,000 lb (9071.9 kg)	34496	655.00
30,000 lb (13,607.8 kg)	34497	755.00
40,000 lb (18,143.7 kg)	34498	755.00
50,000 lb (22,679.7 kg)	34499	845.00
60,000 lb (27,215.6 kg)	34500	845.00
75,000 lb (34,019.4 kg)	159506	845.00
100,000 lb (45,359.4 kg)	34501	1,475.00
150,000 lb (68,039.1 kg)	17292	1,475.00
200,000 lb (90,718.7 kg)	17293	2,775.00
250,000 lb (113,398.4 kg)	17294	2,775.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL70000	147

Weigh Module Available

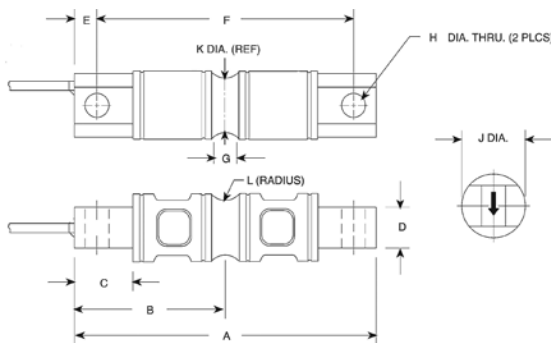
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	EZ Mount 1	82 and 84

9103

Double-Ended Beam, Stainless Steel NTEP 1:10,000 Class IIIIL Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V

Output Resistance:
700 ohms +/- 7

Input Resistance:
700 ohms +/- 7

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Manufacturer Model Number:
9103-B10-XX-30P1 (NTEP)
9103-D3-XX-30P1 (non NTEP)

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Non-repeatability:
0.02% Full scale

Combined Error:
0.03% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:

5000 lb=.02 in/.5 mm,
10,000 lb=.025 in/.6 mm,
20,000 lb=.042 in/1.1 mm,
30,000-50,000 lb=.02 in/.5 mm,
60,000 lb=.025 in/.6 mm,
100,000-150,000 lb=.02 in/.5 mm

Seal Type:
Environmentally sealed, IP67

Cable Length:
18.6 ft/6 m (5K - 20K)
30 ft/9.2 m (30K - 250K)

Cable Diameter:
.295 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal
Transparent..... Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L
lb/inches											
5000-10,000	8.12	4.06	1.44	1.12	.62	6.88	.62	.66	1.70	1.48	.50
20,000	8.12	4.06	1.44	1.12	.62	6.88	.84	.66	1.95	1.48	.50
30,000-60,000	10.25	5.12	1.88	2.37	.88	8.50	1.00	1.06	3.00	2.73	1.00
100,000	11.25	5.62	1.88	2.50	.88	9.50	1.00	1.06	3.50	3.24	1.50
150,000	11.25	5.62	1.88	2.80	.88	9.50	1.25	1.06	3.90	3.64	1.50
kg/mm											
2268.0-4535.9	206.3	103.1	36.6	28.5	15.8	174.8	15.8	16.8	43.2	37.6	12.7
9071.9	206.3	103.1	36.6	14.2	21.3	174.8	21.3	16.8	49.5	37.6	12.7
13,607.8-27,215.6	260.4	130.1	47.8	60.2	22.4	215.9	25.4	26.9	76.2	69.3	25.4
45,359.4	285.8	142.8	47.8	63.5	22.4	241.3	25.4	26.9	88.9	82.3	25.4
68,093.1	285.8	142.8	47.8	63.5	22.4	241.3	31.8	26.9	99.1	92.5	38.1

Order Information

LOAD RATING		PART #	PRICE
NTEP			
10,000 lb	(4535.9 kg)	17329	\$750.00
20,000 lb	(9071.9 kg)	17330	750.00
30,000 lb	(13,607.8 kg)	17331	825.00
40,000 lb	(18,143.7 kg)	17332	825.00
50,000 lb	(22,679.6 kg)	17333	925.00
60,000 lb	(27,215.5 kg)	17334	925.00
100,000 lb	(45,359.2 kg)	17335	1,825.00
Non-NTEP			
5000 lb	(2268.0 kg)	17328	750.00
150,000 lb	(68,038.9 kg)	17336	1,875.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)			
3/8-24 to 1/4-18NPT	(4.5-18 M Ton)	31534	30.00
5/8-18UNF to 1/2-14 NPT	(27 M Ton)	31535	30.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL70000 SS	148
Rice Lake Weighing Systems	RL71000 HE	149

Weigh Module Available

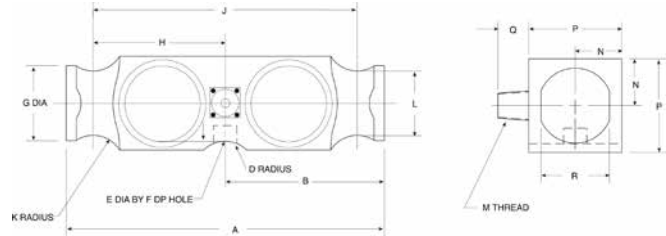
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	EZ Mount 1	82 and 84

5223

Double-Ended Beam, Alloy Steel Welded-seal*, NTEP 1:10,000 Class IIIIL Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 ohms +/- 7

Input Resistance:

700 ohms +/- 7

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Manufacturer Model Number:

5223-B10-XX-40P1
5223-B10-XX-40RP (Overbraided cable)

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (20V maximum)

Non-repeatability:

0.01% Full scale

Combined Error:

0.025% Full scale

Insulation Resistance:

5000 megohms

Deflection at Capacity:

50,000 lb=.018 in/.5 mm,
65,000 lb=.022 in/.6 mm,
100,000 lb=.034 in/.9 mm

Seal Type:

Welded-seal*, IP67

Cable Length:

40 ft/12.2 m

Cable Diameter:

.295 polyurethane jacket

Cable Color Code:

Red + Excitation
Black..... - Excitation
Green..... + Signal
White - Signal
Transparent..... Shield

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	D	E	F	G	H	J	K	L	M	N	P	Q	R
lb/inches															
50,000-65,000	10.25	5.12	1.00	.75	.78	2.40	5.13	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
100,000	10.25	5.12	1.00	—	—	2.40	5.13	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
kg/mm															
22,679.6-29,483.5	260.4	130.1	25.4	19.1	19.8	61.0	130.3	215.9	25.4	52.3	1/2-14 NPT	38.1	76.2	26.2	55.9
45,359.2	260.4	130.1	25.4	—	—	61.0	130.3	215.9	25.4	52.3	1/2-14 NPT	38.1	76.2	26.2	55.9

Order Information

LOAD RATING		PART #	PRICE
50,000 lb	(22,679.6 kg)	21605	\$850.00
65,000 lb	(29,483.5 kg)	21606	850.00
100,000 lb	(45,359.2 kg)	21607	1,200.00
Overbraided Cable			
50,000 lb	(22,679.6 kg)	101121	895.00
65,000 lb	(29,483.5 kg)	101122	895.00
100,000 lb	(45,359.2 kg)	101123	1,295.00

*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75223	156
Thurman®	TSC 800	—

Weigh Modules Available

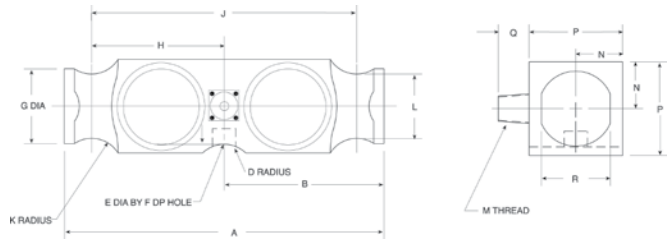
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	Translink™	98

9223

Double-Ended Beam, Stainless Steel NTEP 1:10,000 Class III L Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
700 ohms +/- 7

Input Resistance:
700 ohms +/- 7

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F / -10°C to 40°C

Manufacturer Model Number:
9223-B10-XX-40P1 (1:10,000)

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (20V maximum)

Non-repeatability:
0.01% Full scale

Combined Error:
0.02% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:
50,000 lb = .018 in / 5 mm,
65,000 lb = .022 in / 6 mm,
100,000 lb = .034 in / 9 mm

Seal Type:
Environmentally sealed, IP67

Cable Length:
40 ft / 12.2 m

Cable Diameter:
.295 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal
Transparent..... Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	D	E	F	G	H	J	K	L	M	N	P	Q	R
lb/inches															
50,000-125,000	10.25	5.12	1.00	.75	.78	2.40	5.13	8.50	1.00	2.06	1/2-14 NPT	1.50	2.94	1.03	2.20
kg/mm															
22,679.6-56,699	260.4	130.1	25.4	19.1	19.8	61.0	130.3	215.9	25.4	52.3	1/2-14 NPT	38.1	76.2	26.2	55.9

Order Information

LOAD RATING	PART #	PRICE
50,000 lb (22,679.6 kg)	84150	\$995.00
65,000 lb (29,483.5 kg)	84151	995.00
**100,000 lb (45,359.2 kg)	84152	1,315.00
**125,000 lb (56,699.1 kg)	84153	1,315.00

*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry

**Minimum quantity order applies, consult factory

Weigh Module Available

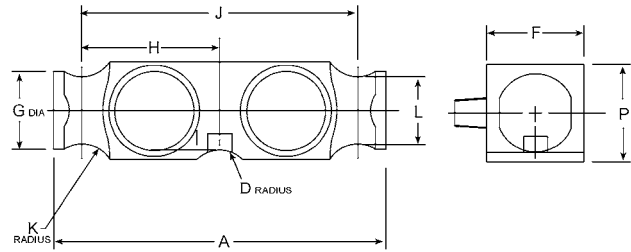
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	Translink™	98

9803


Double-Ended Beam, Stainless Steel NTEP 1:10,000 Class IIIL Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0mV/V	Manufacturer Model Number: 9803-B10-XX-30P1	Combined Error: 0.02% Full scale	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal
Output Resistance: 700 ohms +/- 3.5	Safe Overload: 150% Full scale	Insulation Resistance: 5000 megohms	Warranty: One-year limited warranty
Input Resistance: 700 ohms +/- 3.5	Safe Sideload: 100% Full scale	Seal Type: Environmentally sealed, IP67	Approvals: 
Material/Finish: Stainless steel	Rated Excitation: 10V DC (15V maximum)	Cable Length: 18.6 ft/6 m	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Non-repeatability: 0.01% Full scale	Cable Diameter: .295 polyurethane jacket	

Dimensions

RATED CAPACITY	A	D	F	G	H	J	K	L	P
lb/inches									
50,000-100,000	10.25	1.00	1.94	2.40	4.25	8.50	1.00	2.06	2.94
kg/mm									
22,679.6 kg-45,359.2 kg	260.3	25.4	49.3	60.9	107.9	215.9	25.4	52.3	74.7

Order Information

LOAD RATING		PART #	PRICE
50,000 lb	(22,679.6 kg)	69489	\$945.00
65,000 lb	(29,483.5 kg)	69490	945.00
100,000 lb	(45,359.0 kg)	124390	1,625.00

Interchangeable Products

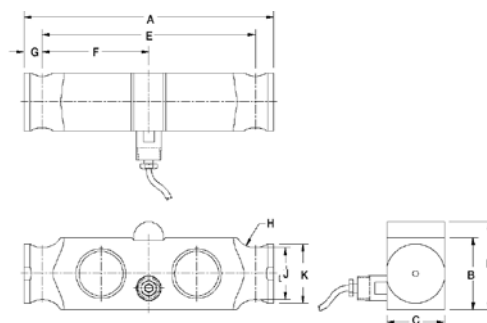
MANUFACTURER	MODEL
NV Technology	BLC-2-XX-N
Thurman®	10088970A-50K

9323

Double-Ended Beam, Stainless Steel NTEP 1:10,000 Class IIIIL Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

700 ohms +/- 7

Input Resistance:

700 ohms +/- 7

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Manufacturer Model Number:

9323-B10 XX-30P1

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Non-repeatability:

0.01% Full Scale

Combined Error:

0.02% Full Scale

Insulation Resistance:

5000 megohms

Seal Type:

Environmentally sealed, IP67

Cable Length:

30 ft/9.2 m

Cable Diameter:

.295 polyurethane jacket

Cable Color Code:

- Red - Excitation
- Black..... - Excitation
- Green..... + Signal
- White - Signal

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	N	P	Q
lb/inches													
50,000-75,000	8.50	2.45	1.95	3.23	7.25	3.63	0.63	0.75	1.75	2.00	0.73	3.00	0.50
kg/mm													
22,679.6 kg-34,019.4 kg	190.4	62.2	50.0	82.0	184.2	92.2	16.0	19.1	44.5	50.8	18.5	76.2	12.7

Order Information

LOAD RATING		PART #	PRICE
50,000 lb	(22,679.6 kg)	84156	\$835.00
60,000 lb	(29,483.5 kg)	84157	835.00

Interchangeable Products

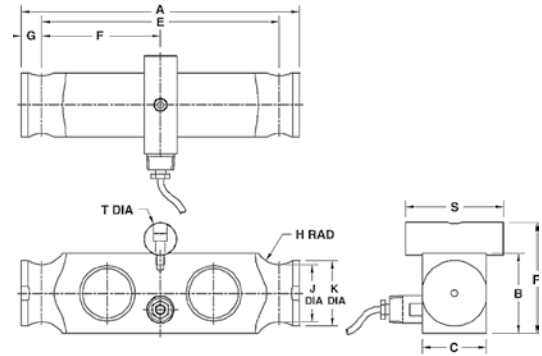
MANUFACTURER	MODEL
NV Technology	BLC-1-N-WP

9423



Double-Ended Beam, Stainless Steel NTEP 1:10,000 Class IIIIL Multiple Cell, IP67



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 3.0 mV/V</p> <p>Output Resistance: 700 ohms +/- 7</p> <p>Input Resistance: 700 ohms +/- 7</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Compensated range 14°F to 104°F/-10°C to 40°C</p>	<p>Manufacturer Model Number: 9423-B10-XX-30P1</p> <p>Safe Overload: 150% Full scale</p> <p>Safe Sideload: 100% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Non-repeatability: 0.01% Full scale</p>	<p>Combined Error: 0.02% Full scale</p> <p>Insulation Resistance: 5000 megohms</p> <p>Seal Type: Environmentally sealed, IP67</p> <p>Cable Length: 30 ft/9.2 m</p> <p>Cable Diameter: .295 polyurethane jacket</p>	<p>Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal</p> <p>Warranty: One-year limited warranty</p> <p>Approvals:  </p>
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Dimensions

RATED CAPACITY	A	B	C	E	F	G	H	J	K	R	S	T
lb/inches												
50,000-60,000	8.50	2.45	1.95	7.25	3.62	63	0.75	1.75	2.00	3.38	3.00	1.00
kg/mm												
22,679.6 kg-29,483.5 kg	215.9	49.53	184.15	91.95	19.05	44.45	62.23	25.4	76.20	25.4		

Order Information

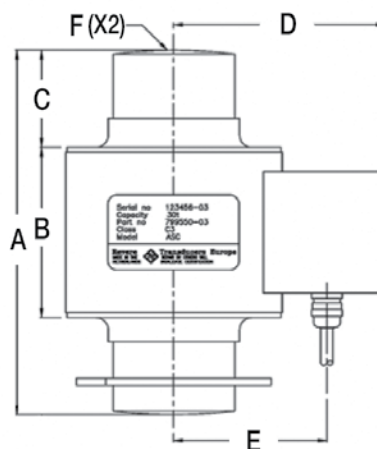
LOAD RATING	PART #	PRICE
50,000 lb (22,679.6 kg)	79711	\$950.00
60,000 lb (29,483.5 kg)	79712	995.00

Interchangeable Products

MANUFACTURER	MODEL
NV Technology	BLC-1-N



Picture is a representation of actual product



Specifications

Full Scale Output:
2.00 +/- 0.02

Output Resistance:
700 ohms +/- 35

Input Resistance:
700 ohms +/- 35

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Manufacturer Model Number:
ASC-B10 XX-60P5R

Safe Overload:
150% Full scale

Rated Excitation:
5VDC to 20VDC

Combined Error:
0.02% Full Scale

Insulation Resistance:
>5000 Ω

Seal Type:
Hermetically sealed, IP68

Cable Length:
OIML: 15 m
NTEP: 60 ft

Cable Diameter:
.295 polyurethane jacket

Cable Color Code:

Green+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal
Transparent..... Shield

Warranty:
One-year limited warranty

Approvals:



Available upon request

Dimensions

RATED CAPACITY	A	B	C	D	E	F
t/inches						
30t-50t	5.91	2.75	1.57	3.43	69.1	R7.87
t/mm						
30t-50t	150	70	40	87.1	69.1	R200

Order Information

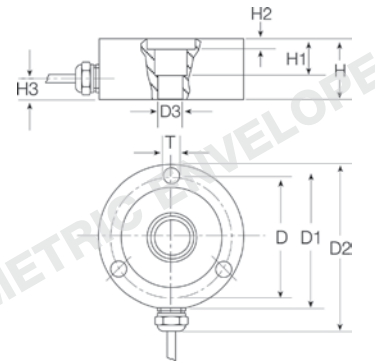
LOAD RATING	PART #	PRICE
NTEP		
30t	132564	\$895.00
40t	128262	895.00
50t	132565	895.00
OIML		
30t	151312	895.00
40t	151313	895.00
50t	151314	895.00
Load Cup (Upper and Lower)		
-	160452	95.00

RLC

Compression Canister, Stainless Steel NTEP 1:10,000 Class III, Hermetically Sealed, IP66/68



Picture is a representation of actual product



VPG - REVERSE TRANSDUCERS

Specifications

Full Scale Output:
2.0mV/V

Output Resistance:
1025 ohms +/- 25

Input Resistance:
1110 ohms +/- 50

Material/Finish:
Stainless steel

Temperature:
Operating range
-22°F to 158°F/-30°C to 70°C
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Combined Error:
0.02% Full scale

Insulation Resistance:
>5000 megohms

Seal Type:
Hermetically sealed, IP66/68

Cable Length:
16.4 ft/5 m (500-5000 kg)

Cable Color Code:

- Pink+ Excitation
- Grey- Excitation
- Brown+ Signal
- White- Signal

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	D	D1	D2	D3	H	H1	H2	H3	T
lb/inches									
551.3-2204.6	2.76	3.15	3.84	.40	.99	.60	.04	.37	M6 (3 x 120°)
4409.2-11,023.1	2.76	3.15	3.84	.60	1.18	.79	.24	.33	M6 (3 x 120°)
kg/mm									
250-1000	70.0	80.0	97.5	10.0	25.0	15.0	1.0	9.5	M6 (3 x 120°)
2000-5000	70.0	80.0	97.5	15.0	30.0	20.0	6.0	8.5	M6 (3 x 120°)

Order Information: NTEP

LOAD RATING	PART #	PRICE
.5t (1102.3 lb)	36190	\$675.00
1t (2204.6 lb)	36191	675.00
2t (4409.2 lb)	36192	675.00
3.5t (7717.5 lb)	36193	675.00
5t (11,023.1 lb)	36194	675.00

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RLC	78

Order Information: OIML

LOAD RATING	PART #	PRICE
.25t (551.2 lb)	126714	\$675.00
.5t (1102.3 lb)	126715	675.00
1t (2204.6 lb)	126716	675.00
2t (4409.2 lb)	126717	675.00
3.5t (7717.5 lb)	126718	675.00
5t (11,023.1 lb)	126719	675.00

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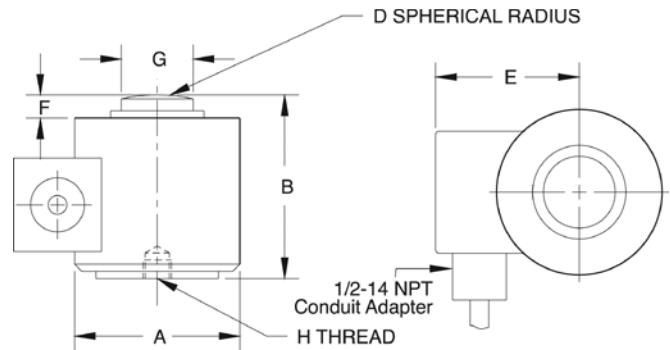
Revere Transducers



Compression Canister, Stainless Steel Welded-Seal, IP68



Picture is a representation of actual product



VPG - REVERE TRANSDUCERS

Specifications

Full Scale Output: 1.75 mV/V	Manufacturer Model Number: CP-D3-XX-30P5	Deflection at Capacity: 10,000-50,000 lb=.003 in/.76 mm 100,000-300,000 lb=.006 in/.152 mm 500,000 lb=.009 in/.228 mm	Cable Color Code: Green+ Excitation Black- Excitation White+ Signal Red- Signal Transparent..... Shield
Output Resistance: 480 ohms +/- 4.8	Safe Overload: 150% Full scale	Seal Type: Welded-seal, IP68	Warranty: One-year limited warranty
Input Resistance: 450 ohms +/- 4.5	Rated Excitation: 10V DC (15V maximum)	Cable Length: 30 ft/ 9.2 m	Approvals:
Material/Finish: Stainless steel	Combined Error: 0.15% Full scale	Cable Diameter: .295 polyurethane jacket	
Temperature: Operating range 0°F to 150°F/-18°C to 65°C	Non-repeatability: 0.03% Full scale		
	Insulation Resistance: 5000 megohms		

Dimensions

RATED CAPACITY	A	B	D	E	F	G	H	DEPTH OF H
lb/inches								
10,000-50,000	2.88	3.25	6.00	3.30	.40	1.25	1/2-20 UNF-2B	.31
100,000	4.12	5.00	6.00	3.50	.51	2.31	3/4-16 UNF-2B	.56
200,000-300,000	6.00	7.25	17.00	4.60	1.04	3.13	3/4-16 UNF-2B	.75
500,000	6.50	9.00	17.00	4.80	.56	3.69	3/4-16 UNF-2B	.75
kg/mm								
4535.9-22,679.6	73.2	82.6	152.4	83.8	10.2	31.8	1/2-20 UNF-2B	7.9
45,359.2	104.7	127.0	152.4	88.9	13.0	58.7	3/4-16 UNF-2B	14.2
90,718.5-136,077.7	152.4	184.2	431.8	116.8	26.4	79.5	3/4-16 UNF-2B	19.1
226,796.2	165.1	228.6	431.8	121.9	14.2	93.7	3/4-16 UNF-2B	19.1

Order Information

LOAD RATING	PART #	PRICE
10,000 lb (4535.9 kg)	17588	\$1,325.00
25,000 lb (11,339.8 kg)	17589	1,325.00
50,000 lb (22,679.6 kg)	17590	1,325.00
100,000 lb (45,359.2 kg)	17591	1,485.00
200,000 lb (90,718.5 kg)	17592	2,295.00
300,000 lb (136,077.7 kg)	17593	2,525.00
500,000 lb (226,796.2 kg)	17594	4,495.00

Note: The model CP is the same as the RTI CPI

Interchangeable Products

MANUFACTURER	MODEL
Artech	90210
Cardinal®	CP1
Howe Richardson®	20908XXX
Revere Transducers	392B
Streeter Amet	3753070, 3752030, 3752040, 3751940

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	MagnaMount®	102

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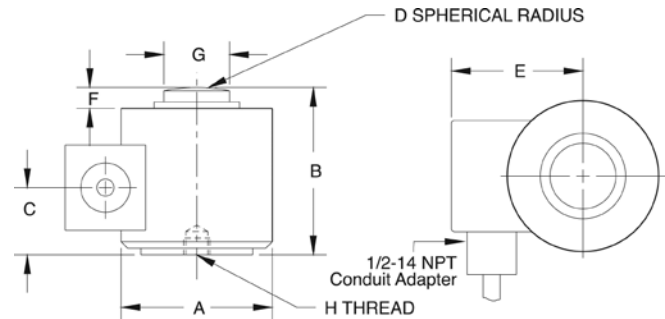


CSP

Compression Canister, Stainless Steel Welded-Seal, IP68, NTEP 1:10,000 Class IIII Multiple Cell





Picture is a representation of actual product



VPG - REVERE TRANSDUCERS

Specifications

<p>Full Scale Output: 2 mV/V</p> <p>Output Resistance: 480 ohms +/- 4.8</p> <p>Input Resistance: 450 ohms +/- 4.5</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Compensated range 14°F to 104°F/-10°C to 40°C</p>	<p>Manufacturer Model Number: CSP-B10-XX-30P5 (NTEP 1:10,000) CSP-D3-XX-30P5 (Non-NTEP)</p> <p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Combined Error: 0.02% Full scale (0.05% Non-NTEP)</p> <p>Non-repeatability: 0.01% Full scale</p>	<p>Insulation Resistance: 5000 megohms</p> <p>Deflection at Capacity: 10,000-50,000 lb=.003 in/.76 mm, 100,000-300,000 lb=.006 in/.152 mm, 500,000 lb=.009 in/.228 mm</p> <p>Seal Type: Welded-seal, IP68</p> <p>Cable Length: 30 ft/9.2 m</p> <p>Cable Diameter: .295 polyurethane jacket</p>	<p>Cable Color Code: Green.....+ Excitation Black.....- Excitation White.....+ Signal Red.....- Signal Transparent..... Shield</p> <p>Warranty: One-year limited warranty</p> <p>Approvals:  </p>
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	DEPTH OF H
lb/inches									
10,000-50,000	2.88	3.25	1.28	6.00	2.51	.40	1.25	1/2-20 UNF-2B	.38
100,000	4.12	5.00	2.15	6.00	3.39	.51	2.31	3/4-16 UNF-2B	.56
200,000-300,000	6.00	7.25	3.63	17.00	4.26	1.04	3.13	3/4-16 UNF-2B	.75
500,000	6.50	9.00	4.34	17.00	4.59	.56	3.69	3/4-16 UNF-2B	.75
kg/mm									
4535.9-22,679.6	73.2	82.6	32.5	152.4	63.8	10.2	31.8	1/2-20 UNF-2B	9.7
45,359.2	104.7	127.0	54.6	152.4	86.1	13.0	58.7	3/4-16 UNF-2B	14.2
90,718.5-136,077.7	152.4	184.2	92.2	431.8	108.2	26.4	79.5	3/4-16 UNF-2B	19.1
226,796.2	165.1	228.6	110.2	431.8	116.6	14.2	93.7	3/4-16 UNF-2B	19.1

Order Information

LOAD RATING	PART #	PRICE
NTEP 1:10000		
25,000 lb (11,339.8 kg)	21649	\$1,605.00
50,000 lb (22,679.6 kg)	21650	1,605.00
100,000 lb (45,359.2 kg)	21651	1,785.00
200,000 lb (90,718.5 kg)	21652	2,395.00
Non-NTEP		
10,000 lb (4535.9 kg)	17595	1,520.00
300,000 lb (136,077.7 kg)	17597	2,495.00
500,000 lb (226,796.2 kg)	17598	4,685.00

† Load cell diameter may not be identical

Note: The model CSP is the same as the RTI CSPI

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RLCSP1†	159
Artech	90310†	—
Howe Richardson®	244699-000X†	—
Revere Transducers	692B†	—
Streeter Amet	3760XXX	—

Weigh Module Available

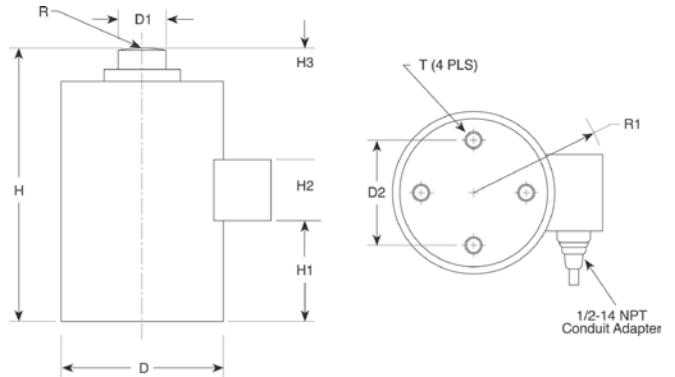
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	MagnaMount®	102

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Picture is a representation of actual product



Specifications

<p>Full Scale Output: 2.0 mV/V</p> <p>Output Resistance: 350 ohms +/- 3.5</p> <p>Input Resistance: 350 ohms +/- 3.5</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Compensated range 14°F to 104°F/-10°C to 40°C</p>	<p>Manufacturer Model Number: 792-B10-XX-35P5</p> <p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Non-repeatability: 0.01% Full scale</p> <p>Combined Error: 0.03% Full scale</p> <p>Insulation Resistance: 5000 megohms</p>	<p>Deflection at Capacity: 50,000 lb=.004 in/.102 mm, 100,000 lb=.006 in/.152 mm, 200,000 lb=.009 in/.228283 mm</p> <p>Seal Type: Welded-seal, IP68</p> <p>Cable Length: 35 ft/ 10.7 m</p> <p>Cable Diameter: .295 polyurethane jacket</p>	<p>Cable Color Code: Green+ Excitation Black.....- Excitation White+ Signal Red- Signal Clear Shield</p> <p>Warranty: One-year limited warranty</p> <p>Approvals:</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 10px;">FM APPROVED</div> </div>
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Dimensions

RATED CAPACITY	D	D1	D2	H	H1	H2	H3	H4	R	R1	T
lb/inches											
50,000	4.50	1.25	2.38	7.50	3.06	1.60	.75	.25	6.00	3.75	3/8-24 UNF x .63 DP
100,000	5.75	1.75	4.00	9.13	2.60	1.60	1.05	.17	12.00	4.05	1/2-20 UNF x .75 DP
200,000	7.50	2.50	5.50	11.63	3.95	1.60	.97	.17	12.00	5.11	5/8-18 UNF x 1.00 DP
kg/mm											
22,679.6	114.3	31.8	58.4	190.5	77.7	40.6	19.1	6.4	152.4	95.3	3/8-24 UNF x 16.0 DP
45,359.2	146.1	44.5	101.6	231.9	66.0	40.6	26.6	4.3	304.8	102.9	1/2-20 UNF x 19.1 DP
90,718.5	190.5	63.5	139.7	295.4	100.3	40.6	24.6	4.3	304.8	129.8	5/8-18 UNF x 25.4 DP

Order Information

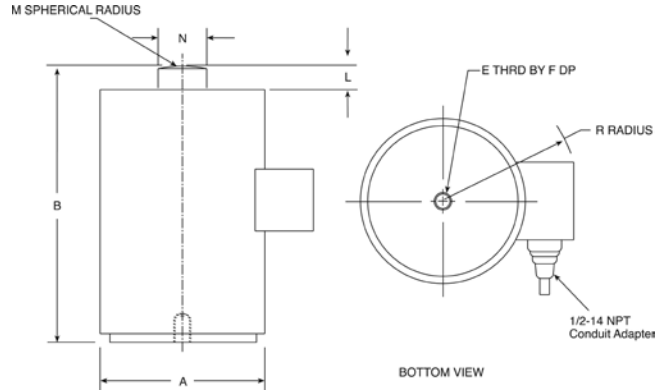
LOAD RATING	PART #	PRICE
50,000 lb (22,679.6 kg)	31307	\$2,195.00
100,000 lb (45,359.2 kg)	31306	2,195.00
200,000 lb (90,718.5 kg)	31305	3,395.00

Interchangeable Information

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL8C2P1SS	162
Artech	90405	—



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 2.0 mV/V</p> <p>Output Resistance: 350 ohms +/- 3.5</p> <p>Input Resistance: 350 ohms +/- 3.5</p> <p>Material/Finish: Stainless steel, epoxy coated</p> <p>Temperature: Operating range 0°F to 150°F/-18°C to 65°C</p>	<p>Manufacturer Model Number: 92-D3-XX-40P1</p> <p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Non-repeatability: 0.01% Full scale</p> <p>Combined Error: 0.05% Full scale</p>	<p>Insulation Resistance: 5000 megohms</p> <p>Deflection at Capacity: 50,000 lb=.004 in/.102 mm, 100,000 lb=.006 in/.152 mm</p> <p>Seal Type: Welded-seal, IP68</p> <p>Cable Length: 40 ft/12.2 m</p> <p>Cable Diameter: .295 polyurethane jacket</p>	<p>Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal Orange..... Shield</p> <p>Warranty: One-year limited warranty</p> <p>Approvals: </p>
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Dimensions

RATED CAPACITY	A	B	E	F	L	M	N	R
lb/inches								
50,000	4.25	6.00	3/4-16 UNF	.56	.50	6.00	1.50	3.80
100,000	5.03	8.50	3/4-16 UNF	.56	.63	12.00	1.75	4.00
kg/mm								
22,679.6	108.0	152.4	3/4-16 UNF	14.2	12.7	152.4	38.1	96.5
45,359.2	127.8	215.9	3/4-16 UNF	14.2	16.0	304.8	44.5	101.6

Order Information

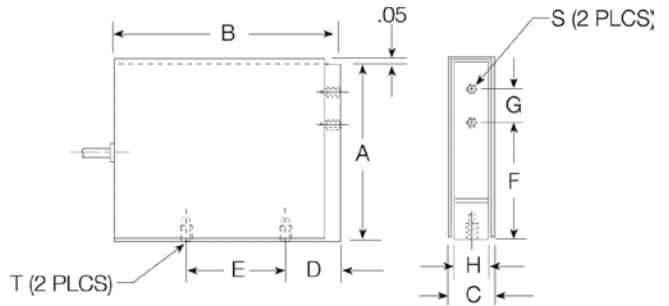
LOAD RATING	PART #	PRICE
50,000 lb (22,679.6 kg)	17642	\$1,480.00
100,000 lb (45,359.2 kg)	17643	1,480.00

462

Single Point, Alloy Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0mV/V

Output Resistance:
350 ohms +/- 3.5

Input Resistance:
390 ohms +/- 15

Material/Finish:
Alloy steel with stainless steel cover

Temperature:
Operating range
0°F to 150°F/-18°C to 65°C

Manufacturer Model Number:
462-D3-XX-10P1

Safe Overload:
150% Full scale

Rated Excitation:
10V DC nominal (15V maximum)

Combined Error:
0.03% Full scale

Non-repeatability:
0.01% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:
2-20 lb=.06 in/1.5 mm,
50-250 lb=.04 in/1.0 mm

Seal Type:
Environmentally sealed, IP67

Cable Length:
10 ft/3.1 m

Cable Color Code:

- Red+ Excitation
- Black.....- Excitation
- Green+ Signal
- White- Signal
- Transparent..... Shield

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	T	S
lb/inches										
2-20	4.00	5.13	.91	1.25	2.20	2.60	.75	.75	1/4-28 UNF-2B x .38 DP	10-32 UNF-2B x .25 DP
50-100	4.60	6.00	1.16	1.90	2.20	2.60	1.00	1.00	3/8-24 UNF-2B x .50 DP	1/4-28 UNF-2B x .50 DP
250	4.60	6.00	1.16	1.90	2.20	2.35	1.50	1.00	3/8-24 UNF-2B x .50 DP	3/8-24 UNF-2B x .50 DP
kg/mm										
0.9-9.1	101.6	130.3	23.1	31.8	55.9	66.0	19.1	19.1	1/4-28 UNF-2B x .38 DP	10-32 UNF-2B x .25 DP
22.7-45.4	116.8	152.4	29.5	48.3	55.9	66.0	25.4	25.4	3/8-24 UNF-2B x .50 DP	1/4-28 UNF-2B x .50 DP
113.4	116.8	152.4	29.5	48.3	55.9	59.7	38.1	25.4	3/8-24 UNF-2B x .50 DP	3/8-24 UNF-2B x .50 DP

Order Information

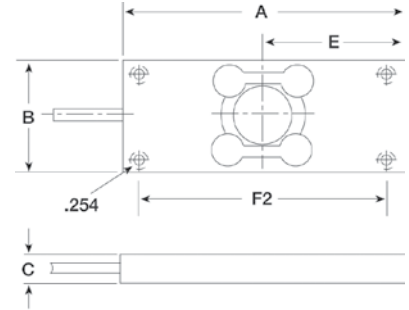
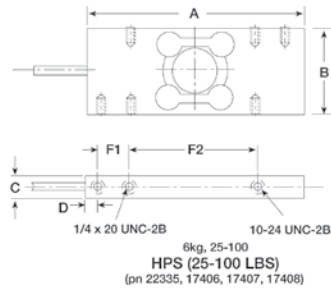
LOAD RATING		PART #	PRICE
2 lb	(0.9 kg)	17442	\$595.00
5 lb	(2.3 kg)	17443	595.00
10 lb	(4.5 kg)	17444	595.00
20 lb	(9.1 kg)	17445	595.00
50 lb	(22.7 kg)	17446	625.00
100 lb	(45.4 kg)	17447	625.00
250 lb	(113.4 kg)	17448	645.00

HPS

Single Point, Stainless Steel Welded-Seal, IP67



Picture is a representation of actual product



HPS (6 KGS)
(PN 116475)

Specifications

Full Scale Output:

3.0 mV/V—(25-100 lb)
2.0 mV/V—(6 kg)

Output Resistance:

350 ohms +/- 7

Input Resistance:

400 ohms +/- 6

Material/Finish:

Stainless steel

Temperature:

Operating range
0°F to 150°F/-18°C to 65°C

Manufacturer Model Number:

HPS-D3-XX-10P5

Safe Overload:

150% Full scale

Rated Excitation:

10V AC/DC (15V maximum)

Combined Error:

0.03% Full scale

Non-repeatability:

0.01% Full scale

Insulation Resistance:

5000 megohms

Seal Type:

Welded-seal, IP67

Cable Length:

10 ft/3.1 m

Cable Color Code:

Green+ Excitation
Black- Excitation
White+ Signal
Red- Signal

Warranty:

One-year limited warranty

Approvals:



Dimensions

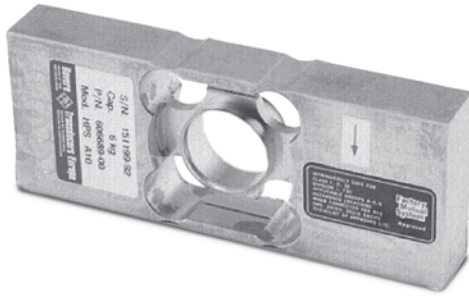
RATED CAPACITY	A	B	C	D	E	F1	F2
lb/inches							
6 kg	5.0	1.98	.73	—	2.5	—	4.25
25-50	5.0	1.97	.73	.25	—	.75	3.0
100	5.0	1.87	.94	.25	—	.75	3.0
kg/lb/mm							
6.0 kg	127.0	50.2	18.5	—	63.5	—	107.9
25-50 lb	127.0	50.2	18.5	6.3	—	19.0	76.2
100 lb	127.0	46.2	23.8	6.3	—	19.0	76.2

Order Information

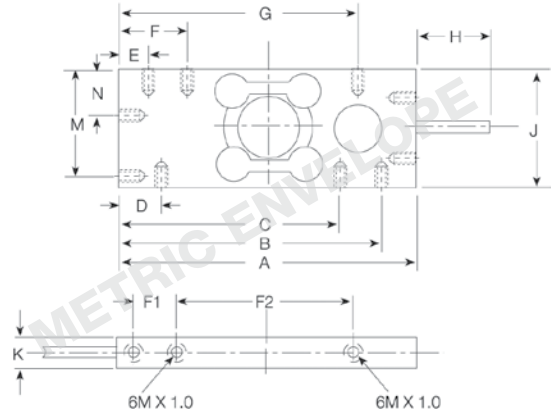
LOAD RATING	PART #	PRICE	
6 kg	13.2 lb	22335	\$615.00
6 kg	13.2 lb	116475	615.00
25 lb	(11.3 kg)	17406	615.00
50 lb	(22.7 kg)	17407	615.00
100 lb	(45.4 kg)	17408	780.00

HPSM


Single Point, Stainless Steel Welded-Seal IP67, Metric Envelope



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 2.0 mV/V</p> <p>Output Resistance: 350 ohms +/- 3.5</p> <p>Input Resistance: 350 ohms +/- 3.5</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Operating range 0°F to 150°F/-18°C to 65°C</p>	<p>Manufacturer Model Number: HPSM-D3-XX-20P9 HPSM-D312kg-2089</p> <p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Combined Error: 0.03% Full scale</p> <p>Non-repeatability: 0.01% Full scale</p>	<p>Insulation Resistance: 5000 megohms</p> <p>Seal Type: Welded-seal, IP67</p> <p>Cable Length: 20 ft/ 6.2m</p> <p>Cable Color Code: Green.....+ Excitation Black.....- Excitation White.....+ Signal Red.....- Signal</p>	<p>Warranty: One-year limited warranty</p> <p>Approvals: </p>
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	F1	F2	G	H	J	K	M	N
lb/inches														
13.2/66.2	5.1	4.5	3.8	.88	.53	1.2	.75	2.9	4.2	.98	1.9	.73	1.7	.78
kg/mm														
6.0-30 kg	130.0	116.5	97.5	22.5	13.5	32.5	19.1	75.0	107.5	25.0	50.0	18.5	44.0	20.0

Order Information

LOAD RATING		PART #	PRICE
(6 kg)	13.2 lb	22334	\$615.00
(12 kg)	26.4 lb	109131	615.00
(30 kg)	66.12 lb	115336	695.00

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S-Beams














Page 293	60001, Alloy Steel	Single or multiple-cell tension load applications. Nickel plated, high-alloy steel construction. Integral 20ft/6.1 m cable and full environmental protection with stainless steel side plates. Capacities from 25 to 20,000lb (113.4 to 9071.9kg). Capacities of 5000lb (2268.0kg) or more have standardized output for multiple-cell installations.	 
Page 294	60050, Stainless Steel	Single or multiple-cell applications. Integral 20ft/6.1 m cable and full environmental protection with stainless steel side plates. Stainless steel construction for added corrosion protection. Capacities from 250 to 20,000lb (113.4 to 9071.9kg). Capacities of 5000lb (2268.0kg) or higher have standardized output for multiple-cell installations.	
Page 295	60063, Stainless Steel	Welded seal stainless steel S-beam load cell designed for compression and tension. Ideal for scale conversions and general-purpose weighing. NTEP approved in capacities from 750 to 5,000lb (226.8 to 2268.0kg). 10,000lb (4,535 kg) are Non-NTEP.	 
Single-Ended			
Page 296	65023A-5297, Alloy Steel	The Vishay Sensortronics 65023 has been a staple in the Rice Lake Weighing Systems Load Cell Guide for years. This model is manufactured from high-alloy steel and is nickel-plated to provide protection from the elements. The latest version is the 65023-XX-5297, which is custom featured with matched outputs and 8.5'/2.6m of load cell cable. This model was originally designed for Fairbanks® Scales under part number 65023-XX-5164 (included a Fairbanks® label) and can now be purchased from Rice Lake Weighing Systems for replacement applications. Available in capacities of 1,000lb, 2,500lb and 4,000lb capacities.	 
Page 297	65023A-5107-10, Alloy Steel	The 65023-5141 is another standard Vishay Sensortronics product modified for a specific OEM manufacturer and now available through Rice Lake Weighing Systems to streamline your replacement part buying needs. This model was previously specific to Pennsylvania Scale and features a standard 9ft/2.7 m load cell cable. Available in 1,000lb, 2,500lb and 4,000In capacities.	 
Page 298	65023A-5507, Alloy Steel	The 65023A-XX-5507 is a low profile version of the 65023A-XX-5107 at just .75in high. Available in 1 k and 2.5 k capacities.	 
Page 299	65023A, Alloy Steel	Designed for low-profile floor scales. Environmentally protected with stainless steel side plates. Nickel-plated high-alloy steel with thru holes for mounting and a thru or threaded hole for loading. Capacities from 500 to 20,000lb (226.8 to 9071.9kg).	 

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Single-Ended Beams

Page 300

65023SS, Stainless Steel, Threaded/Thru



Designed for low-profile floor scales. Environmentally protected with stainless steel side plates. Stainless steel and a threaded hole for loading. Capacities from 250 to 20,000lb (226.8 to 9071.9kg).



Page 301

65023S, Stainless Steel



Designed for low-profile floor scales. Environmentally protected with stainless steel side plates. Stainless steel and a threaded hole for loading. Capacities from 1000 to 10,000lb (453.6 to 4535.9kg).



Page 302

65083, Stainless Steel



This welded seal precision load cell offers exceptional performance and reliability in hostile environment applications typical of food and chemical processing. Designed for single or multiple-cell installations, the 65083 has a threaded load hole for easy adaptation of mounting hardware or leveling feet typical of floor scales. Capacities from 1000 to 10,000lb (453.6 to 4535.9kg). Integral 20'/6.1 m cable.



Page 303

65083S, Stainless Steel



This welded seal precision load cell offers exceptional performance and reliability in hostile environment applications typical of food and chemical processing. Designed for single or multiple-cell installations, the 65083S is provided with a threaded load hole for easy adaptation of mounting hardware or leveling feet typical of floor scales. Capacities from 1000 to 10,000lb (453.6 to 4535.9kg). Integral 20'/6.1 m cable.



Page 304

60040, Alloy Steel



Designed for low-profile, single or multiple-cell weighing applications. Integral 20'/6.1 m cable. Nickel plated, high-alloy steel construction, environmentally protected with a neoprene sleeve. Capacities from 25 to 500lb (11.3 to 226.8kg).



Single Points

Page 305

60048SS, Stainless Steel



Load cell especially designed for heavy-duty, off-center loads on a 20" x 20" (508 mm x 508 mm) platform. Stainless steel construction specially designed for washdown situations. Includes integral 10'/3.1 m cable. 1000lb (453.6kg) capacity load cell may be used with 30" x 30" (762 mm x 762 mm) platform. Capacities from 50 to 1000 lb (11.3 to 453.6kg).



Page 306

60051, Stainless Steel



Designed as a replacement for the NCI® Mark III in hostile environments. Stainless steel, moisture-resistant single-point cell. Integral 10'/3.1 m cable. 10 to 25lb (4.5 to 11.3kg) cells may be used with a base size of 8" x 8" (203.2 mm x 203.2 mm); 50 to 200lb (22.7 to 90.7 kg) cells, with a base size of 12" x 12" (304.8 mm x 304.8 mm).

Page 307

60060, Aluminum



High-capacity off-center load cell accurately weighs loads on a 30" x 30" platform. Aluminum clear anodized construction. Capacities from 100 to 2000 lb (45.4 to 907.2kg). Integral 10'/3.1 m cable



Table of Contents

Double-Ended Beams









Page 308	65016, Alloy Steel	Nickel plated and environmentally protected with stainless steel side plates. Designed for center loading compatibility with the RL1600 tank weighing assemblies. Capacities from 1000 to 75,000lb (453.6 to 34,019.4kg). Integral 25ft/7.6m cable.	
Page 309	65016W, Stainless Steel	Offered in stainless steel and with welded seal. Designed for center loading compatibility with RL1600 tank weighing assemblies. Capacities from 1000 to 75,000lb (453.6 to 34,019.4kg). Integral 25ft/7.6m cable.	
Page 310	65016WH, Stainless Steel	Stainless steel full hermetic version of the popular 65016 series of load cells capacities from 1000 to 75,000lbs. Integral 25ft/7.6m of cable.	
Page 311	65058A, Alloy Steel	Nickel plated and environmentally protected with stainless steel side plates. Designed for center link loading and compatibility with the MVS or similar suspension systems up to 75,000lb (34,019.4kg). NTEP-certified capacities from 20,000 to 125,000lb (9071.9 to 56,699.1kg); non-NTEP capacities of 10,000lb (4535.9kg). Integral 35ft/10.6m cable.	
Page 312	65058S, Stainless Steel	The Vishay Sensortronics 65058S is a double-ended beam specifically designed for harsh environment vehicle weighing applications. This stainless steel, welded seal product is an ideal substitute for traditional alloy steel, nickel plated units where corrosive or washdown conditions exist. This model is compatible with both the MVS and TSA mounts, and is available in capacities ranging from 10,000 to 200,000lb (2268.0 to 90,718.5kg). Each unit is provided with a standard 35ft/10.6m cable.	
Page 313	65061A, Alloy Steel	This unique loading button double-ended beam has been a standard model in Fairbanks truck scales for years. This NTEP approved, zinc plated, alloy steel load cell (stainless welded seal in 50,000lb is also available) is sealed with a potting compound that has been proven through the test of time in numerous applications. This unit is offered in capacities of 40,000 and 50,000lb (18,143.7 to 22,679.6kg), and is affordably priced compared to other replacement cell options in the marketplace. Each unit is provided standard with 60ft/18.2m of copper overbraid.	
Page 314	65040A, Alloy Steel	Nickel plated and environmentally protected with stainless steel side plates. Designed for center mounting and double link loading. Capacities from 25,000 to 125,000lb (11,339.8 to 56,699.1kg). Integral 35ft/10.6m cable.	
Page 315	65040S, Stainless Steel	This model is an upgraded version of the Vishay Sensortronics 65040A, and is offered in stainless steel, with welded sealing. The center-supported double-ended beam design is compatible with Unilink/Translink mounts. The full stainless, welded seal upgrade makes this model ideal for applications where harsh chemicals and washdown conditions exist. This model is available in capacities ranging from 25,000 to 200,000lb (11,339.8 to 90,718.5kg), and is provided with a standard 35ft/10.6m cable.	

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Double-Ended Beams

Page 316 65040A-1127W, Alloy Steel



An alloy steel, epoxy painted and welded seal double link center loaded load cell. A replacement for the RL75223 or RTI 5223 load cell. NTEP approved and has 40 ft of cable. Capacities available are 50,000 to 100,000 lb



Compression Canister

Page 317 65114, Stainless Steel



The 65114 was specially designed to provide the superior protection of stainless steel and hermetic sealing for truck scale applications. This model is built to provide a high degree of accuracy, while protecting against the severe conditions that truck scale load cells often endure. The easy installation of "rocker column" type load cells also provides a distinct advantage over traditional market alternatives. Available in three different heights, this product can easily be adapted to existing applications.

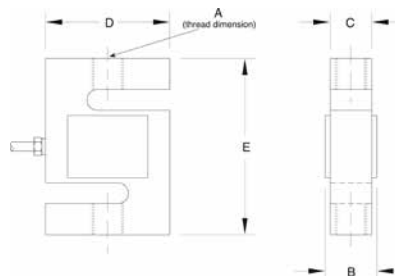


60001

S-Beam, Alloy Steel NTEP 1:5000 Class III/1:10000 Class IIIL Single Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0mV/V	Manufacturer Model Number: 60001A-XX-1177	Hysteresis: 0.02% Full scale	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal
Output Resistance: 349-355 Ohms	Safe Overload: 150% Full scale	Insulation Resistance: 5000 megohms	Warranty: One-year limited warranty
Input Resistance: 343-450 Ohms	Rated Excitation: 10V DC (15V maximum)	Seal Type: Environmentally sealed	Approvals:
Material/Finish: High-alloy steel, nickel plated	Nonlinearity: 0.03% Full scale	Cable Length: 20 ft/6.1 m	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C		Cable Diameter: .200 polyurethane jacket	

Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
25-200	1/4-28 UNF	.65	.50	2.00	2.50
250-300	3/8-24 UNF-2B	.75	.50	2.00	3.00
500-2000	1/2-20 UNF-2B	1.00	.75	2.00	3.00
2500-3000	1/2-20 UNF-2B	1.25	1.00	2.00	3.00
5000	3/4-16 UNF-2B	1.25	1.00	3.00	4.25
10,000	3/4-16 UNF-2B	1.25	1.00	3.50	4.75
15,000	1-14 UNS-2B	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF-2B	2.25	2.00	5.00	7.00
kg/mm					
11.3-45.4	1/4-28 UNF	16.5	12.7	50.8	63.5
113.4-136.1	3/8-24 UNF-2B	19.1	12.7	50.8	76.2
226.8-907.2	1/2-20 UNF-2B	25.4	19.1	50.8	76.2
1134.0-1360.8	1/2-20 UNF-2B	31.8	25.4	50.8	76.2
2268.0	3/4-16 UNF-2B	31.8	25.4	76.2	108.0
4535.9	3/4-16 UNF-2B	31.8	25.4	88.9	120.7
6803.9	1-14 UNS-2B	38.1	31.8	101.6	139.7
9071.9	1 1/4-12 UNF-2B	57.2	50.8	127.0	177.8

Order Information

LOAD RATING	PART #	PRICE
25 lb (11.3 kg)	61116	\$295.00
50 lb (22.7 kg)	61117	295.00
100 lb (45.4 kg)	61118	295.00
200 lb (90.7 kg)	61119	295.00
250 lb (113.4 kg)	61120	295.00
300 lb (136.1 kg)	61121	295.00
500 lb (226.8 kg)	61122	295.00
750 lb (340.2 kg)	61123	295.00
1000 lb (453.6 kg)	61124	295.00
1500 lb (680.4 kg)	61125	295.00
2000 lb (907.2 kg)	61126	295.00
2500 lb (1134.0 kg)	61127	335.00
3000 lb (1360.8 kg)	61128	335.00

Order Information

LOAD RATING	PART #	PRICE
5000 lb (2268.0 kg)	61129	\$475.00
10,000 lb (4535.9 kg)	61130	475.00
15,000 lb (6803.9 kg)	61131	575.00
20,000 lb (9071.9 kg)	61132	895.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL20001	122
Vishay Celtron	STC	192

Weigh Module Available

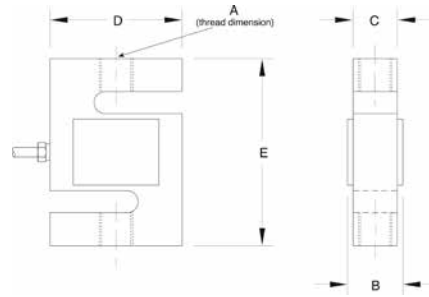
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

60050


S-Beam, Stainless Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Manufacturer Model Number: 60050	Insulation Resistance: 5000 megohms	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal
Output Resistance: 349-355 Ohms	Safe Overload: 150% Full scale	Seal Type: Environmentally sealed, IP67	Warranty: One-year limited warranty
Input Resistance: 343-450 Ohms	Rated Excitation: 10V DC (15V maximum)	Cable Length: 20 ft/6.1 m	Approvals: 
Material/Finish: Stainless steel	Nonlinearity: 0.03% Full scale	Cable Diameter: .200 polyurethane jacket	
Temperature: Operating range 0°F to 150°F/-18°C to 65°C	Hysteresis: 0.02% Full scale		

Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
250	3/8-24 UNF-2B	.75	.50	2.00	3.00
500-1500	1/2-20 UNF-2B	1.00	.75	2.00	3.00
2000-3000	1/2-20 UNF-2B	1.25	1.00	2.00	3.00
5000	3/4-16 UNF-2B	1.25	1.00	3.00	4.25
10,000	3/4-16 UNF-2B	1.25	1.00	3.50	4.75
15,000	1-14 UNS-2B	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF-2B	2.00	1.94	5.00	7.00
kg/mm					
113.4	3/8-24 UNF-2B	19.1	12.7	50.8	76.2
226.8-680.4	1/2-20 UNF-2B	25.4	19.1	50.8	76.2
907.2-1360.8	1/2-20 UNF-2B	31.8	25.4	50.8	76.2
2268.0	3/4-16 UNF-2B	31.8	25.4	76.2	108.0
4535.9	3/4-16 UNF-2B	31.8	25.4	88.9	120.7
6803.9	1-14 UNS-2B	38.1	31.8	101.6	139.7
9071.9	1 1/4-12 UNF-2B	50.8	49.3	127.0	177.8

Order Information

LOAD RATING		PART #	PRICE
250 lb	(113.4 kg)	17077	\$325.00
500 lb	(226.8 kg)	17078	325.00
750 lb	(340.2 kg)	17079	325.00
1000 lb	(453.6 kg)	17080	325.00
1500 lb	(680.4 kg)	17081	325.00
2000 lb	(907.2 kg)	17082	365.00
2500 lb	(1134.0 kg)	17083	365.00
3000 lb	(1360.8 kg)	17084	365.00
5000 lb	(2268.0 kg)	17085	550.00
10,000 lb	(4535.9 kg)	17086	550.00
15,000 lb	(6803.9 kg)	17087	650.00
20,000 lb	(9071.9 kg)	17088	975.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Vishay Celtron	STC-SS	194

Weigh Module Available

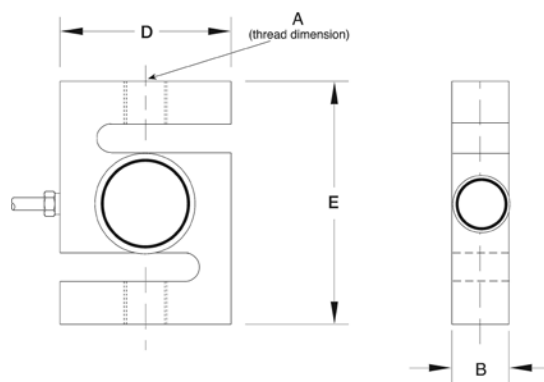
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

60063

S-Beam, Stainless Steel Welded-Seal, IP68 1:5000 Class III, 1:10,000 Class III L Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V	Manufacturer Model Number: 60063	Insulation Resistance: 5000 megohms	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal
Output Resistance: 349-355	Safe Overload: 150% Full scale	Seal Type: Welded-seal, IP68	Warranty: One-year limited warranty
Input Resistance: 349-350	Rated Excitation: 10V DC (15V maximum)	Cable Length: 20 ft/6.1 m	Approvals:
Material/Finish: Stainless steel	Nonlinearity: 0.03% Full scale	Cable Diameter: .200 polyurethane jacket	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Hysteresis: 0.02% Full scale		

Dimensions

RATED CAPACITY	A	B	D	E
lb/inches				
500-3000	1/2-20 UNF	1.00	2.00	3.00
5000-10,000	3/4-16 UNF	1.00	3.50	4.75
kg/mm				
1360.8	1/2-20 UNF	25.4	50.8	76.2
2268.0-4535.9	3/4-16 UNF	25.4	88.9	120.7

Order Information

LOAD RATING		PART #	PRICE
NTEP			
500 lb	(226.8 kg)	36272	\$825.00
750 lb	(340.2 kg)	36273	825.00
1000 lb	(453.6 kg)	36274	825.00
1500 lb	(680.4 kg)	36275	825.00
2000 lb	(907.2 kg)	36276	825.00
2500 lb	(1134.0 kg)	36277	825.00
3000 lb	(1360.8 kg)	36278	825.00
5000 lb	(2268.0 kg)	36279	1,095.00
Non-NTEP			
10,000 lb	(4535.9 kg)	36280	1,095.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL20001 HE	123

Weigh Module Available

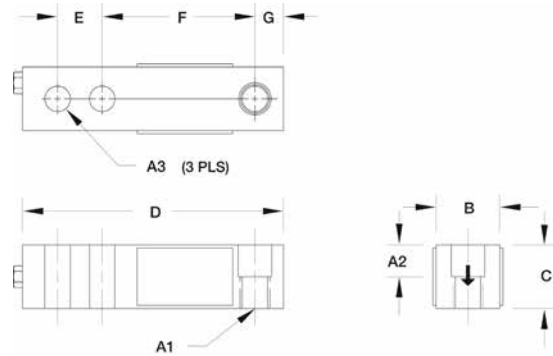
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

65023A-5297

Single-Ended Shear Beam, Alloy Steel NTEP 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V / Ohms calibration

Output Resistance:

349-355

Input Resistance:

343-357

Material/Finish:

High-alloy steel, nickel plated

Temperature:Compensated range
14°F to 104°F/-10°C to 40°C**Manufacturer Model Number:**

65023A-XX-5297

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Nonlinearity:

0.03% Full scale

Hysteresis:

0.02% Full scale

Insulation Resistance:

5000 megohms

Deflection at Capacity:1000 lb=.013 in/.33 mm,
2500 lb-4000 lb=.015 in/.38 mm**Seal Type:**

Environmentally sealed, IP67

Cable Length:8.5 ft/2.6 m
1-2.5K, 10 ft 5K SE**Cable Diameter:**

.200 polyurethane jacket

Cable Color Code:Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal**Warranty:**

One-year limited warranty

Approvals:

Dimensions

RATED CAPACITY	A1	A2	A3	B	C	D	E	F	G
lb/inches									
1000-5K SE	1/2-20 UNF-2B	.62	.53	1.25	1.25	5.12	1.00	3.00	.50
kg/mm									
453.6-2268	1/2-20 UNF-2B	15.8	13.5	31.8	31.8	130.1	25.4	76.2	12.7

Order Information

LOAD RATING		PART #	PRICE
1000 lb	(453.6 kg)	68825	\$295.00
2500 lb	(1134.0 kg)	68824	295.00
5000 lb	(1814.4 kg)	156957	295.00

Interchangeable Products

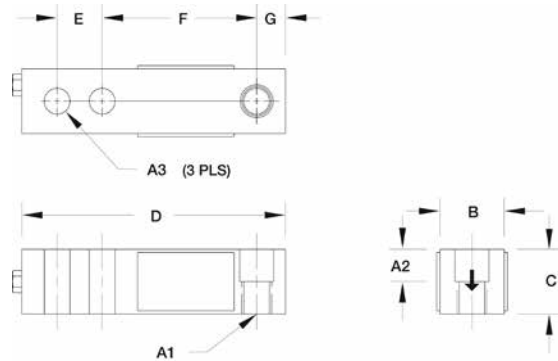
MANUFACTURER	MODEL
Fairbanks®	65023A-XX-5164

65023A-5107-10

Single-Ended Shear Beam, Alloy Steel NTEP 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0mV/V	Manufacturer Model Number: 65023A-XX-5107-10	Hysteresis: 0.02% Full scale	Cable Diameter: .200 polyurethane jacket
Output Resistance: 349-355	Safe Overload: 150% Full scale	Insulation Resistance: 5000 megohms	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal
Input Resistance: 343-357	Safe Sideload: 100% Full scale	Deflection at Capacity: 1000 lb=.013 in/.33 mm, 2500 lb-4000 lb=.015 in/.38 mm	Warranty: One-year limited warranty
Material/Finish: High-alloy steel, nickel plated	Rated Excitation: 10V DC (15V maximum)	Seal Type: Environmentally sealed, IP67	Approvals:
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Nonlinearity: 0.03% Full scale	Cable Length: 10 ft/3.1 m	

Dimensions

RATED CAPACITY	A1	A2	A3	B	C	D	E	F	G
lb/inches									
1000-5000SE	1/2-20 UNF-2B	.62	.53	1.25	1.25	5.12	1.00	3.00	.50
kg/mm									
453.6-1814.4	1/2-20 UNF-2B	15.8	13.5	31.8	31.8	130.1	25.4	76.2	12.7

Order Information

LOAD RATING		PART #	PRICE
1000 lb	(453.6 kg)	68827	\$295.00
2500 lb	(1134.0 kg)	68826	295.00
5000SE	(2268.0 kg)	102884	295.00

Interchangeable Products

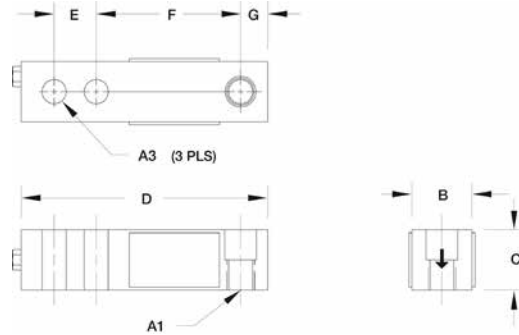
MANUFACTURER	MODEL
Pennsylvania	65023A-XX-5141

65023A-5507



Single-Ended Shear Beam, Alloy Steel NTEP 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Safe Overload: 150% Full scale	Combined Error: 0.02% Full scale	Cable Diameter: .200 polyurethane jacket
Output Resistance: 349-355	Safe Sideload: 100% Full scale	Insulation Resistance: 5000 megohms	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal
Input Resistance: 343-357	Rated Excitation: 10V DC (15V DC max)	Deflection at Capacity: 1000 lb=.013 in/.33 mm, 2500 lb=.015 in/.38 mm	Warranty: One-year limited warranty
Material/Finish: High-alloy steel, nickel plated	Nonlinearity: 0.03% Full scale	Seal Type: Environmentally sealed, IP67	Approvals:  
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Hysteresis: 0.02% Full scale	Cable Length: 10 ft/3.05 m	

Dimensions

RATED CAPACITY	A1	A3	B	C	D	E	F	G
lb/inches								
1000-2500	1/2-20 UNF-2B	.53	1.25	.75	5.12	1.00	3.00	.50
kg/mm								
453.6-1134.0	1/2-20 UNF-2B	13.5	31.8	19.05	130.1	25.4	76.2	12.7

Order Information

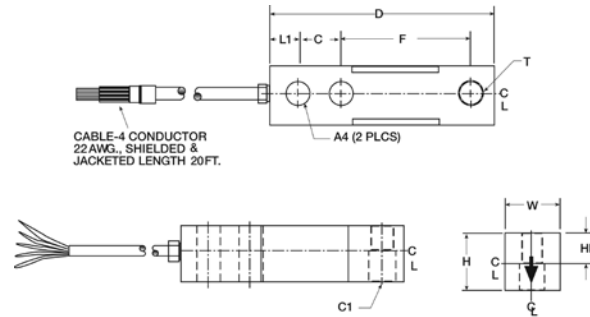
LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	107785	\$295.00
2500 lb (1134.0 kg)	107786	295.00

65023A



Single-Ended Shear Beam, Alloy Steel NTEP 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Manufacturer Model Number: 65023-XX-X107 (Threaded), 65023-XX (Thru)	Insulation Resistance: 5000 megohms	Cable Diameter: .200 polyurethane jacket
Output Resistance: 349-355	Safe Overload: 150% Full scale	Deflection at Capacity: 500-1500 lb=0.013 in/0.33 mm, 1000-5000 lb=0.017-0.025 in, 5000-10,000 lb=0.025-0.035 in, 15,000-20,000 lb=0.048-0.013 in	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal
Input Resistance: 343-357	Safe Sideload: 100% Full scale	Seal Type: Environmentally sealed, IP67	Warranty: One-year limited warranty
Material/Finish: High-alloy steel, nickel plated	Rated Excitation: 10V DC (15V maximum)	Cable Length: 20 ft/6.1 m	Approvals:  
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Nonlinearity: 0.03% Full scale		
	Hysteresis: 0.02% Full scale		

Dimensions

RATED CAPACITY	T	L1	C1	W	H	D	C	F	G
lb/inches									
500	1/2-20 UNF-2B	.62	.53	1.25	1.00	5.12	1.00	3.00	.50
1000-5000SE	1/2-20 UNF-2B	.62	.53	1.25	1.25	5.12	1.00	3.00	.50
5000-10,000	3/4-16 UNF-2B	.75	.78	1.50	1.50	6.75	1.50	3.75	.75
15,000-20,000	1-14 UNS-2B	1.00	1.03	2.00	2.00	8.88	2.00	4.88	1.00
kg/mm									
226.8	1/2-20 UNF-2B	15.8	13.5	31.8	25.4	130.1	25.4	76.2	12.7
453.6-1814.4	1/2-20 UNF-2B	15.8	13.5	31.8	31.8	130.1	25.4	76.2	12.7
2268.0-4535.9	3/4-16 UNF-2B	19.1	19.8	38.1	38.1	171.5	38.1	95.3	19.1
6803.9-9071.9	1-14 UNS-2B	25.4	26.2	50.8	50.8	225.6	50.8	124.0	25.4

Order Information

LOAD RATING	PART #	PRICE
Threaded Hole, NTEP 1:5000		
1000 lb (453.6 kg)	21507	\$295.00
1500 lb (680.4 kg)	69832	295.00
2000 lb (907.2 kg)	21508	295.00
2500 lb (1134.0 kg)	21509	295.00
3000 lb (1360.8 kg)	21510	295.00
4000 lb (1814.4 kg)	21511	295.00
5000 lb SE (2268.0 kg)	102884	295.00
5000 lb LE (2268.0 kg)	21512	375.00
10,000 lb (4535.9 kg)	21513	375.00
Threaded Hole, Non-NTEP		
500 lb (226.8 kg)	17125	295.00
15,000 lb (6803.9 kg)	17155	650.00
20,000 lb (9071.9 kg)	17159	650.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL35023 (threaded version)	131
Vishay Celtron	SQB	196
Rice Lake Weighing Systems	RL30002 (thru hole version)	126

SE refers to small envelope, LE refers to large envelope

Weigh Module Available

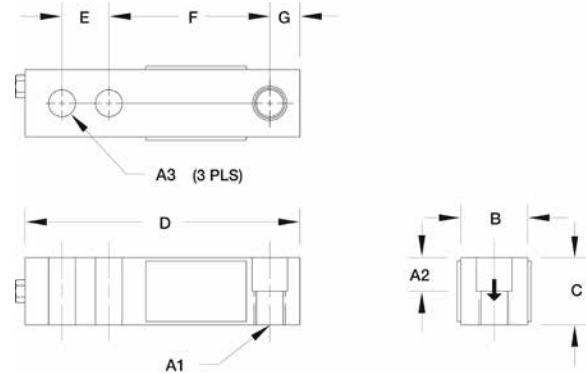
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50
Rice Lake Weighing Systems	RL1800 Series	60

65023SS

Single-Ended Beam, Stainless Steel Threaded, IP67



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 3.0mV/V</p> <p>Output Resistance: 349-355</p> <p>Input Resistance: 343-357</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Operating range 0°F to 150°F/-18°C to 65°C</p>	<p>Manufacturer Model Number: 65023-XX-0113 (Threaded), 65023-XX-0114 (Thru)</p> <p>Safe Overload: 150% Full scale</p> <p>Safe Sideload: 100% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Nonlinearity: 0.03% Full scale</p> <p>Hysteresis: 0.02% Full scale</p>	<p>Insulation Resistance: 5000 megohms</p> <p>Deflection at Capacity: 500-1500 lb=0.013 in/0.33 mm, 1000-5000 lb=0.017-0.025 in, 5000-10,000 lb=0.025-0.035 in, 15,000-20,000 lb=0.048-0.013 in</p> <p>Seal Type: Environmentally sealed, IP67</p> <p>Cable Length: 20 ft/6.1 m</p>	<p>Cable Diameter: .200 polyurethane jacket</p> <p>Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal</p> <p>Warranty: One-year limited warranty</p> <p>Approvals: </p>
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Dimensions

RATED CAPACITY	A1	A2	A3	B	C	D	E	F	G
lb/inches									
250-500	1/2-20 UNF-2B	.50	.53	1.25	1.00	5.12	1.00	3.00	.50
1000-4000	1/2-20 UNF-2B	.62	.53	1.25	1.25	5.12	1.00	3.00	.50
5000-10,000	3/4-16 UNF-2B	.75	.78	1.50	1.50	6.75	1.50	3.75	.75
15,000-20,000	1-14 UNS-2B	1.00	1.03	2.00	2.00	8.88	2.00	4.88	1.00
kg/mm									
113.4-226.8	1/2-20 UNF-2B	12.7	13.5	31.8	25.4	130.1	25.4	76.2	12.7
453.6-1814.4	1/2-20 UNF-2B	15.8	13.5	31.8	31.8	130.1	25.4	76.2	12.7
2268.0-4535.9	3/4-16 UNF-2B	19.1	19.8	38.1	38.1	171.5	38.1	95.3	19.1
6803.9-9071.9	1-14 UNS-2B	25.4	26.2	50.8	50.8	225.6	50.8	124.0	25.4

Order Information

LOAD RATING	PART #	PRICE
Threaded Hole		
250 lb (113.4 kg)	46499	\$365.00
500 lb (226.8 kg)	17188	365.00
1000 lb (453.6 kg)	17128	345.00
2000 lb (907.2 kg)	17132	345.00
2500 lb (1134.0 kg)	17136	345.00
4000 lb (1814.4 kg)	17144	345.00
5000 lb (2268.0 kg)	17148	430.00
10,000 lb (4535.9 kg)	17152	430.00
15,000 lb (6803.9 kg)	17156	760.00
20,000 lb (9071.9 kg)	17160	760.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL35023S	132

Weigh Module Available

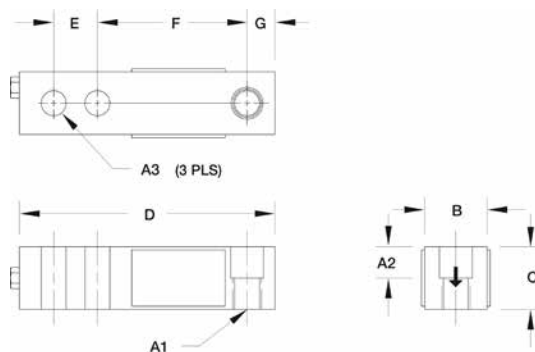
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50
Rice Lake Weighing Systems	RL1800 Series	60

65023S

Single-Ended Shear Beam, Stainless Steel NTEP 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 3.0 mV/V</p> <p>Output Resistance: 349-355</p> <p>Input Resistance: 343-357</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Compensated range 14°F to 104°F/-10°C to 40°C</p>	<p>Manufacturer Model Number: 65023S-XX-5113</p> <p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Nonlinearity: 0.03% Full scale</p> <p>Hysteresis: 0.02% Full scale</p>	<p>Insulation Resistance: 5000 megohms</p> <p>Deflection at Capacity: 500-1500 lb=0.013 in/0.33 mm, 1000-5000 lb=0.017-0.025 in, 5000-10,000 lb=0.025-0.035 in, 15,000-20,000 lb=0.048-0.013 in</p> <p>Seal Type: Environmentally sealed, IP67</p> <p>Cable Length: 20 ft/6.1 m</p>	<p>Cable Color Code: Red + Excitation Black - Excitation Green + Signal White - Signal</p> <p>Warranty: One-year limited warranty</p> <p>Approvals: </p>
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Dimensions

RATED CAPACITY	A1	A2	A3	B	C	D	E	F	G
lb/inches									
1000-4000	1/2-20 UNF-2B	.62	.53	1.00	1.25	5.12	1.00	3.00	.50
5000-10,000	3/4-16 UNF-2B	.75	.78	1.50	1.50	6.75	1.50	3.75	.75
kg/mm									
453.6-1814.4	1/2-20 UNF-2B	15.8	13.5	31.8	31.8	130.1	25.4	76.2	12.7
2268.0-4535.9	3/4-16 UNF-2B	19.1	19.8	38.1	38.1	171.5	38.1	95.3	19.1

Order Information

LOAD RATING	PART #	PRICE
Threaded Hole		
1000 lb (453.6 kg)	28925	\$365.00
2000 lb (907.2 kg)	28926	365.00
2500 lb (1134.0 kg)	28927	365.00
4000 lb (1814.4 kg)	28929	365.00
5000 lb (2268.0 kg)	28930	430.00
10,000 lb (4535.9 kg)	28931	430.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL35023S	132
Vishay Sensortronics	65023 SS	300

Weigh Module Available

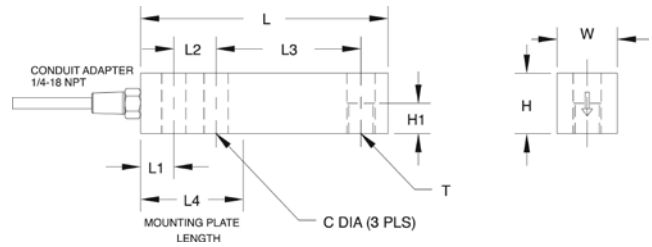
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50
Rice Lake Weighing Systems	RL1800 Series	60

65083


Single-Ended Beam, Stainless Steel Welded-Seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Safe Overload: 150% Full scale	Deflection at Capacity: 1000 lb-4000 lb=0.008-0.026 in, 5000 lb-10,000 lb=0.030-0.055 in	Cable Color Code: Red+ Excitation Black.....- Excitation Green.....+ Signal White.....- Signal
Output Resistance: 349-355 Ohms	Safe Sideload: 100% Full scale	Seal Type: Welded-seal*, IP67	Warranty: One-year limited warranty
Input Resistance: 343-357 Ohms	Rated Excitation: 10V DC (15V maximum)	Cable Length: 20 ft/6.1 m PTFE cable	Approvals: 
Material/Finish: Stainless steel	Combined Error: .03% Full scale	Cable Diameter: .220 PTFE jacket	
Temperature: Operating range 0°F to 150°F/-18°C to 65°C	Non-Repeatability: 0.01% Full scale	Conduit Adapter Size: 1/4-18 NPT	
Manufacturer Model Number: 65083-XX-0100	Insulation Resistance: 5000 megohms		

Dimensions

RATED CAPACITY	C	H	H1	L	L1	L2	L3	L4	T	W
lb/inches										
1000-4000	.53	1.22	.61	5.12	.62	1.00	3.00	2.25	1/2-20 UNF-2B	1.22
5000-10,000	.78	1.50	.75	6.75	.75	1.50	3.75	3.00	3/4-16 UNF-2B	1.50
kg/mm										
453.6-1814.4	13.5	31.0	15.5	130.0	15.7	25.4	76.2	57.2	1/2-20 UNF-2B	31.0
2268.0-4535.9	19.8	38.1	19.1	171.5	19.1	38.1	95.3	76.2	3/4-16 UNF-2B	38.1

Order Information

LOAD RATING		PART #	PRICE
1000 lb	(453.6 kg)	17262	\$405.00
2500 lb	(1134.0 kg)	17263	405.00
4000 lb	(1814.4 kg)	17264	405.00
5000 lb	(2268.0 kg)	17265	455.00
10,000 lb	(4535.9 kg)	17266	455.00

*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL35083	133
Vishay Celtron	SQB-HSS	197

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50
Rice Lake Weighing Systems	RL1800 Series	60

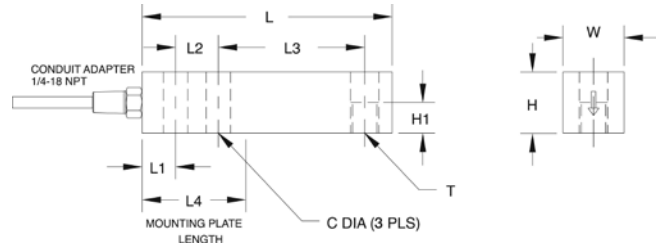
65083S

Single-Ended Beam, Stainless Steel Welded-Seal, IP67, IP66/68, NTEP 1:5000 Class III Multiple Cell



IP66/68 model**

Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

349-355 Ohms

Input Resistance:

343-357 Ohms

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Manufacturer Model Number:

65083S-5100 (IP67 model)
65083S-5117 (IP66/68 model)

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Combined Error:

0.02% Full scale

Non-Repeatability:

0.01% Full scale

Insulation Resistance:

5000 megohms

Deflection at Capacity:

1000 lb-4000 lb=0.012 in.
5000 lb - 10,000 lb=0.03 in.

Seal Type:

Welded-seal, IP67; Hermetically sealed*, IP66/68, 5-10 k .032 in

Cable Length:

20 ft/6.1 m, PTFE coated

Cable Diameter:

.220 PTFE jacket

Conduit Adapter Size:

1/4-18 NPT**

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	C	H	H1	L	L1	L2	L3	L4	T	W
lb/inches										
1000-4000	.53	1.22	.61	5.12	.62	1.00	3.00	2.25	1/2-20 UNF-2B	1.22
5000-10,000	.78	1.50	.75	6.75	.75	1.50	3.75	3.00	3/4-16 UNF-2B	1.50
kg/mm										
453.6-1814.4	13.5	31.0	15.5	130.0	15.7	25.4	76.2	57.2	1/2-20 UNF-2B	31.0
2268.0 - 4535.9	19.8	38.1	19.1	171.5	19.1	38.1	95.3	76.2	3/4-16 UNF-2B	38.1

Order Information

LOAD RATING	PART #	PRICE
Welded-seal IP67		
1000 lb (453.6 kg)	33552	\$425.00
2500 lb (1134.0 kg)	33553	425.00
4000 lb (1814.4 kg)	33554	425.00
5000 lb (2268.0 kg)	33555	475.00
10,000 lb (4535.9 kg)	33556	475.00
Hermetically sealed IP66/68		
1000 lb (453.6 kg)	33734	505.00
2500 lb (1134.0 kg)	33735	505.00
4000 lb (1814.4 kg)	33736	505.00

*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry

**IP66/68 Hermetically sealed version have 1/2-14 NPT conduit adapters

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL35082	134

Weigh Module Available

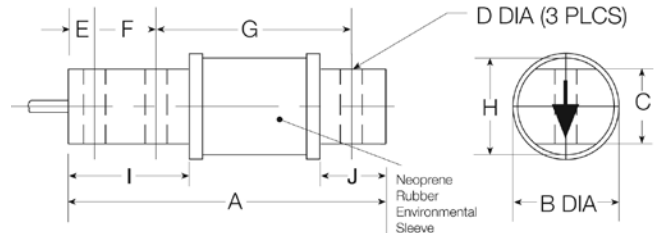
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50
Rice Lake Weighing Systems	RL1800 Series	60

60040

Single-Ended Beam, Alloy Steel, IP65



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
349-355 Ohms

Input Resistance:
380-450 Ohms

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Operating range
0°F to 150°F/-18°C to 65°C

Manufacturer Model Number:
60040

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:

25-50 lb=.008 in/20 mm,
75-100 lb=.010 in/25 mm,
150 lb=.012 in/30 mm,
250 lb=.016 in/41 mm,
500 lb=.025 in/64 mm

Seal Type:
Environmentally sealed with a neoprene sleeve, IP65

Cable Length:
20 ft/6.1 m

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:
Red+ Excitation
Black.....- Excitation
Green.....+ Signal
White.....- Signal

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J
lb/inches										
25-500	2.81	1.30	.62	.26	.25	.50	1.81	1.00	1.00	.50
kg/mm										
11.3-226.8	71.4	33.0	15.8	6.6	6.4	12.7	46.0	25.4	25.4	12.7

Order Information

LOAD RATING	PART #	PRICE
25 lb (11.3 kg)	17369	\$245.00
50 lb (22.7 kg)	17370	245.00
75 lb (34.0 kg)	17371	245.00
100 lb (45.4 kg)	17372	245.00
150 lb (68.0 kg)	17373	245.00
250 lb (113.4 kg)	17374	245.00
500 lb (226.8 kg)	17375	245.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	140
Vishay Revere Transducers	5503	—
Artech	50210	—

Weigh Module Available

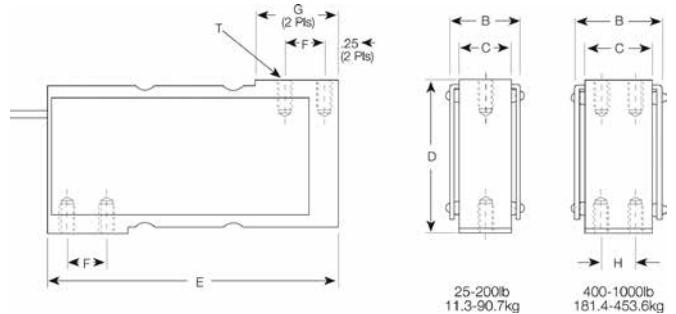
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50

60048SS

Single Point, Stainless Steel, IP67



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 2.0 mV/V nominal</p> <p>Output Resistance: 349-355 Ohms</p> <p>Input Resistance: 350-450 Ohms</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Operating range 0°F to 150°F/-18°C to 65°C</p>	<p>Manufacturer Model Number: 60048-XX-0108</p> <p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Nonlinearity: 0.03% Full scale</p> <p>Hysteresis: 0.02% Full scale</p>	<p>Insulation Resistance: 5000 megohms</p> <p>Deflection at Capacity: 50-100 lb=.013 in/.33 mm, 200 lb=.015 in/.38 mm, 400-500 lb=.023 in/.58 mm, 1000 lb=.016 in/.41 mm</p> <p>Seal Type: Environmentally sealed, potted, IP67</p> <p>Cable Length: 10 ft/3.1 m</p>	<p>Cable Diameter: .200 polyurethane jacket</p> <p>Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal</p> <p>Warranty: One-year limited warranty</p> <p>Approvals: </p>
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Dimensions

RATED CAPACITY	T	B	C	D	E	F	G	H
lb/inches								
50-200	1/4-28 UNF x .75 DP	1.25	1.00	3.00	6.00	1.00	1.50	—
400-500	1/4-28 UNF x .75 DP	1.25	1.00	3.00	6.00	1.00	1.50	.50
1000	5/16-24 UNF x .75 DP	1.75	1.50	3.00	6.00	1.00	1.50	1.00
kg/mm								
22.7-90.7	1/4-28 UNF x .75 DP	31.8	25.4	76.2	152.4	25.4	38.1	—
181.4-226.8	1/4-28 UNF x .75 DP	31.8	25.4	76.2	152.4	25.4	38.1	12.7
453.6	5/16-24 UNF x .75 DP	44.5	38.1	76.2	152.4	25.4	38.1	25.4

Order Information

LOAD RATING	PART #	PRICE
50 lb (22.7 kg)	17421	\$595.00
100 lb (45.4 kg)	17423	595.00
200 lb (90.7 kg)	17425	595.00
400 lb (181.4 kg)	17427	635.00
500 lb (226.8 kg)	17429	650.00
1000 lb (453.6 kg)	17431	695.00
***1000 lb (453.6 kg)	17514	735.00
Adapter Kit* (400 & 500 lb)	25562	43.00
Single Adapter** (25-200 lb)	17683	35.00

*Part # 25562 is needed to convert 400-500 lb (181.4-226.8 kg) capacity cells to these bases

**Part # 17683 is needed to use the 60048 load cell in NCI model 3255 and 3256 bases, 50-200 lb (11.3-90.7 kg) capacities

***Cable length 25' - used in Rice Lake Monorail Scale

Interchangeable Products

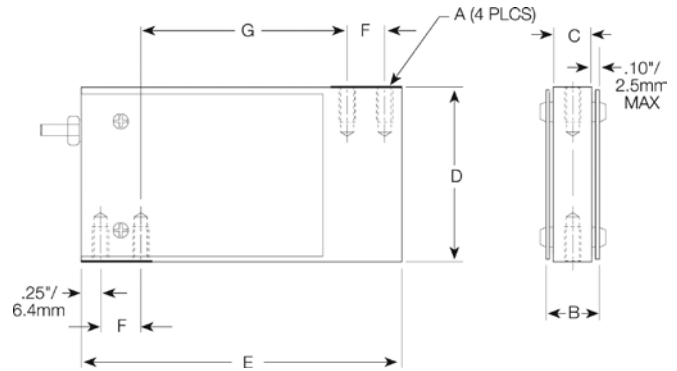
MANUFACTURER	MODEL
NCI®/Weigh-Tronix®	Mark V

60051

Single Point Beam, Stainless Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
349-355 Ohms

Input Resistance:
380-450 Ohms

Material/Finish:
Stainless steel

Temperature:
Operating range
0°F to 150°F / -18°C to 65°C

Manufacturer Model Number:
60051

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:
10-15 lb = .014 in / .36 mm,
25-200 lb = .010 in / .25 mm

Seal Type:
Environmentally sealed, IP67

Cable Length:
10 ft / 3.1 m

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:

- Red + Excitation
- Black - Excitation
- Green + Signal
- White - Signal

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G
lb/inches							
10-25	1/4-28 UNF-2B	.70	.50	2.50	4.63	.75	2.62
50-200	1/4-28 UNF-2B	.95	.75	2.50	4.63	.75	2.62
kg/mm							
4.5-11.3	1/4-28 UNF-2B	17.8	12.7	63.5	117.6	19.1	66.6
22.7-90.7	1/4-28 UNF-2B	24.1	19.1	63.5	117.6	19.1	66.6

Order Information

LOAD RATING		PART #	PRICE
10 lb	(4.5 kg)	17432	\$695.00
15 lb	(6.8 kg)	17433	695.00
25 lb	(11.3 kg)	17434	695.00
50 lb	(22.7 kg)	17435	525.00
100 lb	(45.4 kg)	17436	525.00
200 lb	(90.7 kg)	17437	525.00

Interchangeable Products

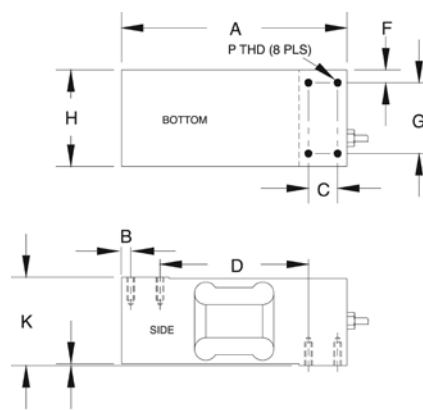
MANUFACTURER	MODEL
NCI®	Mark III
NCI®	Mark IX

60060



Single Point, Aluminum IP67, NTEP 1:5000 Class III Single



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V	Manufacturer Model Number: 60060	Combined Error: 0.02% Full scale	Cable Diameter: .200 polyurethane jacket
Output Resistance: 349-355 Ohms	Safe Overload: 150% Full scale	Insulation Resistance: 5000 megohms	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal
Input Resistance: 400 nominal Ohms	Safe Sideload: 100% Full scale	Deflection at Capacity: 100-250 lb=.010 in/.25 mm, 500-2000 lb=.006 in/.15 mm	Warranty: One-year limited warranty
Material/Finish: Aluminum, clear anodized	Rated Excitation: 10V DC (15V maximum)	Seal Type: Environmentally sealed, IP67	Approvals:  
Temperature: Operating range 0°F to 150°F/-18°C to 65°C	Max. Platform Size: 30 in x 30 in	Cable Length: 10 ft/3.1 m	

Dimensions

RATED CAPACITY	A	B	C	D	F	G	H	K	L	P
lb/inches										
100-2000	7.50	.31	.98	4.92	.30	2.36	2.95	2.95	.06	5/16-18-2B x .75 DP
kg/mm										
45.4-907.2	190.5	7.9	25.0	125.0	7.6	60.0	75.0	75.0	1.5	5/16-18-2B x 19 DP

Order Information

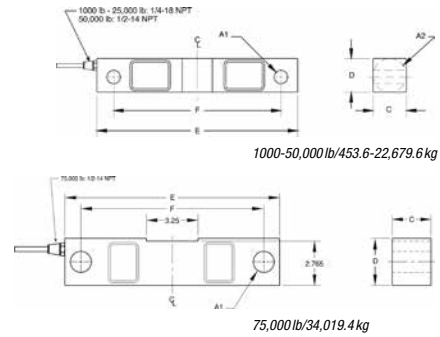
LOAD RATING		PART #	PRICE
Non-NTEP			
100 lb	(45.4 kg)	36479	\$350.00
150 lb	(68.2 kg)	112688	350.00
NTEP			
250 lb	(113.4 kg)	17582	350.00
300 lb	(136.4 kg)	112689	350.00
500 lb	(226.8 kg)	17583	350.00
750 lb	(340.2 kg)	17584	350.00
1000 lb	(453.6 kg)	17585	350.00
2000 lb	(907.2 kg)	17586	350.00

65016

Double-Ended Beam, Alloy Steel IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V nominal	Manufacturer Model Number: 65016-XX	Hysteresis: 0.02% Full scale	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal
Output Resistance: 699-707	Safe Overload: 150% Full scale	Insulation Resistance: 5000 megohms	Warranty: One-year limited warranty
Input Resistance: 686-714	Safe Sideload: 100% Full scale	Seal Type: Environmentally sealed, IP67	Approvals:
Material/Finish: High-alloy steel, nickel plated	Rated Excitation: 10V DC (15V maximum)	Cable Length: 25 ft/7.6 m	
Temperature: Operating range 0°F to 150°F/-18°C to 65°C	Nonlinearity: 0.03% Full scale	Cable Diameter: .200 up to 25 k, 301 50 k and 75 k polyurethane jacket	

Dimensions

RATED CAPACITY	A1	A2	C	D	E	F	CONDUIT ADAPTER
lb/inches							
1000-5000	.50	1.25	1.25	1.25	7.50	6.25	1/4-18 NPT
10,000-25,000	.81	1.99	1.44	1.94	8.75	7.50	1/4-18 NPT
35,000	.81	2.50	1.50	2.50	8.75	7.50	1/4-18 NPT
50,000	1.31	3.00	2.44	2.94	13.50	11.50	1/2-14 NPT
75,000	1.31	—	2.44	2.94	13.50	11.50	1/2-14 NPT
kg/mm							
453.6-2268.0	12.7	31.8	31.8	31.8	190.5	158.8	1/4-18 NPT
4535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5	1/4-18 NPT
15,876.0	—	—	—	—	—	—	—
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1	1/2-14 NPT
34,019.4	33.3	—	62.0	74.7	342.9	292.1	1/2-14 NPT

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	17268	\$550.00
1500 lb (680.4 kg)	17270	550.00
2500 lb (1134.0 kg)	17273	550.00
5000 lb (2268.0 kg)	17275	550.00
10,000 lb (4535.9 kg)	17277	625.00
15,000 lb (6803.9 kg)	17279	625.00
20,000 lb (9071.9 kg)	17281	625.00
25,000 lb (11,339.8 kg)	17282	625.00
35,000 lb (15,876.0 kg)	46498	865.00
50,000 lb (22,679.6 kg)	17284	975.00
*75,000 lb (34,019.4 kg)	25358	975.00

*75,000 lb capacity has a square center

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75016	151
Vishay Celtron	DSR	202
Revere Transducers	5203	—

Weigh Module Available

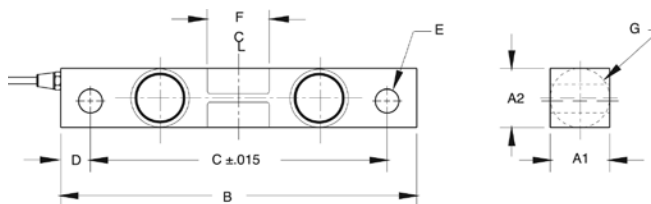
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	8, 90 and 92

65016W

Double-Ended Beam, Stainless Steel Welded-Seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V nominal	Manufacturer Model Number: 65016W-XX-0104W	Hysteresis: 0.02% Full scale	Cable Color Code: Red+ Excitation Black.....- Excitation Green.....+ Signal White- Signal
Output Resistance: 699-707	Safe Overload: 150% Full scale	Insulation Resistance: 5000 megohms	Warranty: One-year limited warranty
Input Resistance: 686-714	Safe Sideload: 100% Full scale	Seal Type: Welded-seal, IP67	Approvals:
Material/Finish: Stainless steel	Rated Excitation: 10V DC (15V maximum)	Cable Length: 25 ft/7.6 m	
Temperature: Operating range 0°F to 150°F/-18°C to 65°C	Nonlinearity: 0.03% Full scale	Cable Diameter: .200 up to 25 k, .305 50 k and 75 k polyurethane jacket	

Dimensions

RATED CAPACITY	A1	A2	C	D	E	F	CONDUIT ADAPTER
lb/inches							
1000-5000	.50	1.25	1.25	1.25	7.50	6.25	1/4-18 NPT
10,000-25,000	.81	1.99	1.44	1.94	8.75	7.50	1/4-18 NPT
35,000	.81	2.50	1.50	2.50	8.75	7.50	1/4-18 NPT
50,000	1.31	3.00	2.44	2.94	13.50	11.50	1/2-14 NPT
75,000	1.31	—	2.44	2.94	13.50	11.50	1/2-14 NPT
kg/mm							
453.6-2268.0	12.7	31.8	31.8	31.8	190.5	158.8	1/4-18 NPT
4535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5	1/4-18 NPT
15,876.0	—	—	—	—	—	—	—
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1	1/2-14 NPT
34,019.4	33.3	—	62.0	74.7	342.9	292.1	1/2-14 NPT

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	36295	\$595.00
1500 lb (680.4 kg)	36296	595.00
2000 lb (907.2 kg)	36297	595.00
2500 lb (1134.0 kg)	36298	595.00
5000 lb (2268.0 kg)	36299	595.00
10,000 lb (4535.9 kg)	36300	675.00
15,000 lb (6803.9 kg)	36301	675.00
20,000 lb (9071.9 kg)	36302	675.00
25,000 lb (11,339.8 kg)	36303	675.00
50,000 lb (22,679.6 kg)	36304	1,395.00
*75,000 lb (34,019.4 kg)	36305	1,395.00

*75,000 lb capacity has a square center

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75016 WHE	153
Vishay Celtron	DSR-HSS	203
Vishay Sensortronics*	65016WH	310

Weigh Module Available

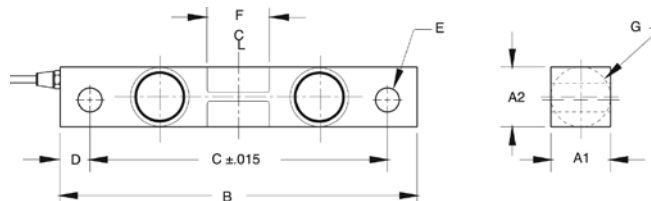
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	88, 90 and 92

65016WH

Double-Ended Beam, Stainless Steel Hermetically Sealed, IP68



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V nominal

Output Resistance:
699-707

Input Resistance:
686-714

Material/Finish:
Stainless steel

Temperature:
Operating range
0°F to 150°F/-18°C to 65°C

Manufacturer Model Number:
65016W-XX-0104WH

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.03% Full scale

Hysteresis:
0.02% Full scale

Insulation Resistance:
5000 megohms

Seal Type:
Hermetically sealed, IP68

Cable Length:
25 ft/7.6 m

Cable Diameter:
.200 polyurethane jacket

Cable Color Code:

Red + Excitation
Black - Excitation
Green + Signal
White - Signal

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	B	C	D	E	F	G	CONDUIT ADAPTER
lb/inches									
1000-5000	1.22	1.22	7.50	6.25	.62	.50	1.12	1.25	1/2-14 NPT
10,000-25,000	1.44	1.94	8.75	7.50	.62	.81	1.62	1.99	1/2-14 NPT
kg/mm									
453.6-2268.0	31.0	31.0	190.5	158.8	15.7	12.7	28.4	31.8	1/2-14 NPT
4535.9-11,339.8	36.6	49.3	222.3	190.5	15.7	20.6	41.1	50.5	1/2-14 NPT

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	65827	\$695.00
1500 lb (680.4 kg)	65828	695.00
2000 lb (907.2 kg)	65829	695.00
2500 lb (1134.0 kg)	65830	695.00
5000 lb (2268.0 kg)	65831	695.00
10,000 lb (4535.9 kg)	65832	795.00
15,000 lb (6803.9 kg)	65833	795.00
20,000 lb (9071.9 kg)	65834	795.00
25,000 lb (11,339.8 kg)	65835	795.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75016 WHE	153
Vishay Sensortronics	65016W	309

Weigh Module Available

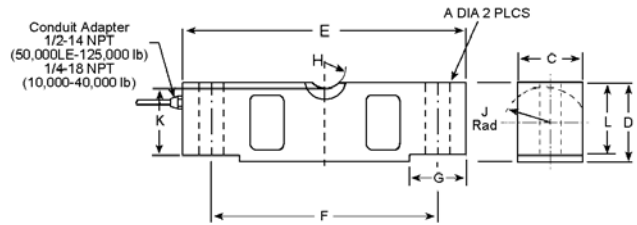
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	88, 90 and 92

65058A

Double-Ended Beam, Alloy Steel NTEP 1:10,000 Class IIIL Multiple Cell, IP67



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 3.0 mV/V</p> <p>Output Resistance: 699-707</p> <p>Input Resistance: 686-714</p> <p>Material/Finish: High-alloy steel, nickel plated</p> <p>Temperature: Operating range 14°F to 104°F/-10°C to 40°C</p>	<p>Manufacturer Model Number: 65058A-XX-1000</p> <p>Safe Overload: 150% Full scale</p> <p>Safe Sideload: 100% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Nonlinearity: 0.03% Full scale</p>	<p>Hysteresis: 0.02% Full scale</p> <p>Insulation Resistance: >1000 megohms</p> <p>Seal Type: Environmentally sealed, IP67</p> <p>Cable Length: 35 ft/10.6 m</p> <p>Cable Diameter: .200 up to 25 k, .305 40k-125 k polyurethane jacket</p>	<p>Cable Coloring: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal</p> <p>Warranty: One-year limited warranty</p> <p>Approvals: </p>
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Dimensions

RATED CAPACITY	A	C	D	E	F	G	H	J	K	L
lb/inches										
10,000-25,000	.68	1.69	1.94	7.75	6.50	1.38	.75	.90	1.63	1.70
40,000-50,000 SE*	.81	1.94	2.44	10.25	8.50	1.93	1.00	1.12	2.00	2.10
50,000 LE-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65
100,000-125,000	1.62	2.90	3.86	15.25	12.75	3.13	1.50	1.80	3.30	3.43
kg/mm										
4535.9-11,339.8	17.3	42.9	49.3	196.9	165.1	35.1	19.1	22.9	41.4	43.2
18,143.7-22,679.6 SE	20.6	49.3	62.0	260.4	215.9	49.0	25.4	28.5	50.8	53.3
22,679.6 LE-34,019.4	26.9	62.0	74.7	260.4	215.9	49.0	25.4	34.8	64.5	67.3
45,359.4-56,699.1	41.2	73.7	98.0	387.4	323.9	79.5	38.1	45.7	83.8	87.1

Order Information

LOAD RATING	PART #	PRICE
NTEP 1:10,000		
20,000 lb (9071.9 kg)	21592	\$635.00
25,000 lb (11,339.8 kg)	21593	635.00
40,000 lb (18,143.7 kg)	21608	760.00
*50,000 lb SE (22,679.6 kg)	26081	845.00
50,000 lb LE (22,679.6 kg)	21594	835.00
60,000 lb (27,215.5 kg)	21595	835.00
75,000 lb (34,019.4 kg)	21596	835.00
100,000 lb (45,359.4 kg)	21609	1,575.00
125,000 lb (56,699.1 kg)	21610	1,575.00
Non-NTEP 65058		
10,000 lb (4535.9 kg)	17287	615.00

SE refers to small envelope LE refers to large envelope

Order Information

LOAD RATING	PART #	PRICE
60' Cable 75,000 lb (34,019.4 kg)	39459	\$860.00
**50' Cable 60,000 lb (27,215.5 kg)	25466	875.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75058	154
Vishay Celtron	CLB	204

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	2100HE	40
Rice Lake Weighing Systems	TSA	96
Rice Lake Weighing Systems	MVS	94

*Howe-Richardson LOAD STAR 65058A-50k-1127

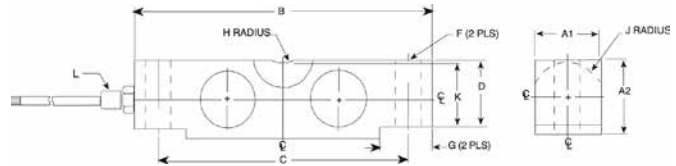
**Has built-in lighting protection

65058S

Double-Ended Beam, Stainless Steel Welded-Seal, NTEP 1:10,000 Class III L Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Manufacturer Model Number: 65058S-XX-1000W	Hysteresis: 0.02% Full scale	Cable Coloring: Red+ Excitation Black.....- Excitation Green.....+ Signal White.....- Signal
Output Resistance: 699-707	Safe Overload: 150% Full scale	Insulation Resistance: >1000 megohms	Warranty: One-year limited warranty
Input Resistance: 686-714	Safe Sideload: 100% Full scale	Seal Type: Welded-seal, IP67	Approvals:
Material/Finish: Stainless steel	Rated Excitation: 10V DC (15V maximum)	Cable Length: 35 ft/10.6 m	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Nonlinearity: 0.03% Full scale	Cable Diameter: .200 up to 25 k; .305 40 k-100 k polyurethane jacket	

Dimensions

RATED CAPACITY	A1	A2	B	C	D	F	G	H	J	K	L
lb/inches											
20,000-25,000	1.69	1.94	7.75	6.50	1.70	.68	1.38	.75	.90	1.63	1/4-18 NPT
75,000	2.44	2.94	10.25	8.50	2.65	1.06	1.93	1.00	1.37	2.54	1/2-14 NPT
100,000	2.44	3.44	10.25	8.50	2.65	1.06	1.93	1.00	1.37	2.54	1/2-14 NPT
125,000	2.90	3.86	15.25	12.75	3.43	1.62	3.13	1.50	1.80	3.30	1/2-14 NPT
kg/mm											
9072-11340	43.0	49.3	196.9	165.1	43.2	17.3	35.1	19.1	22.9	41.4	1/4-18 NPT
34020	62.0	74.7	260.4	216.0	67.3	27.0	49.0	25.4	34.8	64.5	1/2-14 NPT
45360	62.0	87.4	260.4	216.0	67.3	27.0	49.0	25.4	34.8	64.5	1/2-14 NPT
56699.1	73.66	98.04	387.35	323.85	87.12	41.15	79.50	38.10	45.72	83.82	1/2-14 NPT

Order Information

LOAD RATING	PART #	PRICE
35' Cable		
20,000 lb (9,072 kg)	45475	\$875.00
25,000 lb (11,339.8 kg)	45476	875.00
40,000 lb (18,143.7 kg)	45477	1,095.00
50,000 lb (22,679.6 kg)	45478	1,095.00
60,000 lb (27,215.3 kg)	45479	1,095.00
75,000 lb (34,019.4 kg)	45480	1,095.00
100,000 lb (45,359.2 kg)	45481	2,295.00
125,000 lb (56,699 kg)	45482	2,795.00
60' Cable		
75,000 lb (34,019.4 mkg)	48698	1,170.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75060S	155

Weigh Module Available

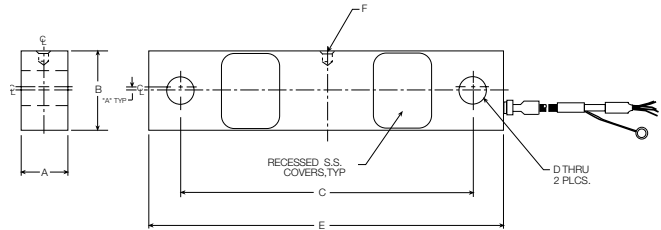
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	2100HE	40
Rice Lake Weighing Systems	TSA	96
Rice Lake Weighing Systems	MVS	94

65061A

Double-Ended Beam, Alloy/Stainless Steel NTEP 1:10,000 Class IIIL Multiple Cell, IP67



Picture is a representation of 154800



Specifications

Full Scale Output:

3.0mmV/V

Output Resistance:

699-707

Input Resistance:

686-714

Material/Finish:

High-alloy steel, nickel plated
Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Manufacturer Model Number:

65061A-XX-1108
65061S-50k-1107 stainless

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Nonlinearity:

0.03% Full scale

Hysteresis:

0.02% Full scale

Insulation Resistance:

5000 ohms

Seal Type:

Environmentally sealed
(40,000 lb and 50,000 lb alloy)
Welded-seal, IP67 (50,000 lb SST)

Cable Length:

60'/18.2 m, copper overbraided

Cable Diameter:

.230 polyurethane jacket

Cable Coloring:

Red + Excitation
Black..... - Excitation
Green + Signal
White - Signal

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F
lb/inches						
40,000	1.94	2.44	8.75	.78	10.50	.257 x .375 DP
50,000	1.94	2.44	8.75	.78	10.50	.257 x .375 DP
kg/mm						
18,143.7	49.3	62.0	222.3	19.8	266.7	6.5 x 9.5 DP
22,679.6	49.3	62.0	222.3	19.8	266.7	6.5 x 9.5 DP

65061A Order Information

LOAD RATING		PART#	PRICE
40,000 lb	(18,143.7 kg)	47850	\$1,195.00
50,000 lb	(22,679.6 kg)	47851	1,195.00
**50,000 lb	(22,679.6 kg)	67387	1,330.00
***50,000 lb	(22,679.6 kg)	154800	1,195.00
Mounting Assembly Accessories*			
Load Button		25524	37.00
Load Pin		50807	73.00
Bearing Screw		44837	99.00
Bushing		50748	29.00
Load Cell Stand		50767	245.00
Support Pin		50747	26.00
Washer		15180	2.30
Cotter Pin		15244	1.50
***Load Button (use with 154800)		154802	35.00

*See Rice Lake Weighing Systems Mechanical Scale Parts catalog for parts diagram

**Stainless steel

***Counter Bored hole for load button

Interchangeable Products

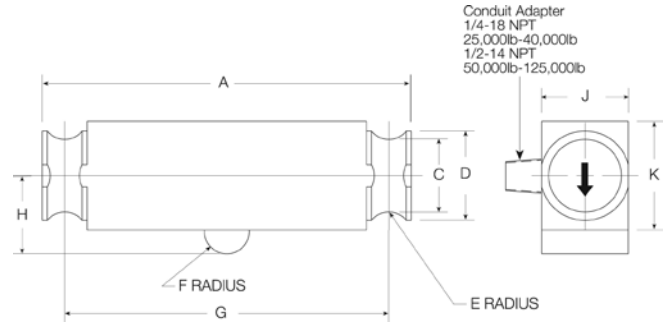
MANUFACTURER	MODEL
Fairbanks®	Rodan 90814-40 k
Fairbanks®	Rodan 91088-50 k

65040A



Double-Ended Beam, Alloy Steel NTEP Class III L Multiple Cell 1:6000/1:10,000, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0mV/V	Manufacturer Model Number: 65040A-XX-6000 (1:6000) 65040A-XX-1000 (1:10,000)	Hysteresis: 0.02% Full scale	Cable Coloring: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal
Output Resistance: 686-714	Safe Overload: 150% Full scale	Insulation Resistance: >1000 megohms	Warranty: One-year limited warranty
Input Resistance: 699-707	Safe Sideload: 100% Full scale	Seal Type: Environmentally sealed, IP67	Approvals:  
Material/Finish: High-alloy steel, nickel plated	Rated Excitation: 10V DC (15V maximum)	Cable Length: 35 ft/10.6 m	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Nonlinearity: 0.03% Full scale	Cable Diameter: .200-.25 k; .305 diameter above 25 k polyurethane jacket	

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K
lb/inches										
25,000-50,000 SE	8.25	.50	1.63	2.00	.50	.50	7.25	1.75	1.94	2.44
50,000-75,000	11.50	.75	1.70	2.20	.75	1.00	10.00	2.00	1.94	2.94
100,000-125,000	14.50	1.00	2.44	3.20	1.00	1.50	12.50	2.75	2.90	3.86
kg/mm										
11,339.8-22,679.6 SE	209.6	12.7	41.4	50.8	12.7	12.7	184.2	44.5	49.3	62.0
22,679.6-34,019.4	292.1	19.1	43.2	55.9	19.1	25.4	254.0	50.8	49.3	74.7
45,359.2-56,699.1	368.3	25.4	62.0	81.3	25.4	38.1	317.5	69.9	73.7	98.0

Order Information

LOAD RATING	PART #	PRICE
NTEP 1:10,000		
25,000 lb (11,339.8 kg)	21598	635.00
40,000 lb (18,143.7 kg)	21599	760.00
*50,000 lb SE (22,679.6 kg)	69562	760.00
50,000 lb (22,679.6 kg)	21600	835.00
60,000 lb (27,215.3 kg)	21601	835.00
75,000 lb (34,019.4 kg)	21602	835.00
100,000 lb (45,359.2 kg)	21603	1,575.00
125,000 lb (56,699.1 kg)	21604	1,575.00

*Active. Scale 1/2 ear version
SE refers to small envelope

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75040	158
Thurman®	TSC 840	—
Vishay Celtron	DLB	205

Weigh Module Available

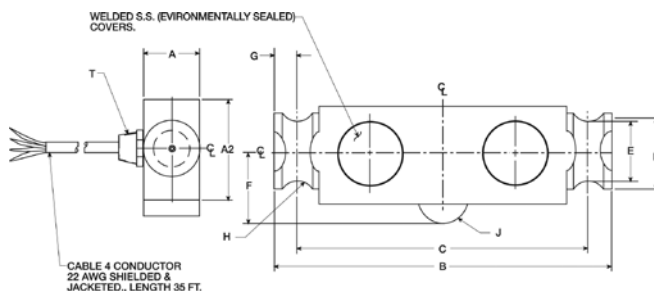
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	Translink™	98

65040S



Double-Ended Beam, Stainless Steel Welded-Seal, IP68, NTEP 1:10,000 Class IIII Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Manufacturer Model Number: 65040S-XX-1000W	Hysteresis: 0.02% Full scale	Cable Coloring: Red + Excitation Black..... - Excitation Green + Signal White - Signal
Output Resistance: 699-707	Safe Overload: 150% Full scale	Insulation Resistance: 5000 megohms	Warranty: One-year limited warranty
Input Resistance: 686-714	Safe Sideload: 100% Full scale	Seal Type: Welded-seal, IP68	Approvals:  
Material/Finish: Stainless steel	Rated Excitation: 10V DC (15V maximum)	Cable Length: 35'/10.6 m	
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Nonlinearity: 0.03% Full scale	Cable Diameter: .200 25 k; 40 k-75 k .301 polyurethane jacket	

Dimensions

RATED CAPACITY	A	A2	B	C	D	E	F	G	H	J	T
lb/inches											
25,000-40,000	1.94	2.44	8.25	7.25	2.00	1.63	1.75	.50	.50	.50	1/4-18 NPT
50,000-75,000	1.94	2.94	11.50	10.00	2.20	1.70	2.00	.75	.75	1.00	1/4-18 NPT
kg/mm											
11,340-18,144	49.2	62.0	209.6	184.2	50.8	41.4	44.5	12.7	12.7	12.7	1/4-18 NPT
22,680-34,020	49.2	74.7	292.1	254.0	55.9	43.2	50.8	19.1	19.1	25.4	1/4-18 NPT

65040S Order Information

LOAD RATING		PART #	PRICE
25,000 lb	(11,339.8 kg)	45467	\$765.00
40,000 lb	(18,143.7 kg)	45468	915.00
50,000 lb	(22,679.6 kg)	45469	995.00
60,000 lb	(27,215.5 kg)	45470	995.00
75,000 lb	(34,019.4 kg)	45471	995.00

Interchangeable Products

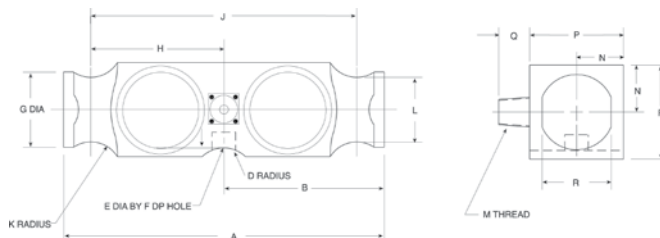
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75040	158
Vishay Sensortronics	65040A	314

65040A-1127W

Double-Ended Beam, Alloy Steel Welded-Seal, IP67, NTEP 1:10,000 Class IIIIL Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

686-714

Input Resistance:

699-707

Material/Finish:

High-alloy steel

Temperature:

Operating range
0°F to 150°F/-18°C to 65°C
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Non-repeatability:

0.01% Full scale

Combined Error:

0.03% Full scale

Insulation Resistance:

>1000 megohms

Deflection at Capacity:

50,000 lb=.018 in/.5 mm,
65,000 lb=.022 in/.6 mm,
100,000 lb=.034 in/.9 mm

Seal Type:

Welded-seal strain gauge*, IP67

Cable Length:

40'/12.2 m

Cable Diameter:

.305 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green.....+ Signal
White.....- Signal

Warranty:

One-year limited warranty

Approvals:

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
lb/inches																
50,000-65,000	10.25	5.12	.28	1.00	.75	.78	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
100,000	10.25	5.12	.28	1.00	—	—	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
kg/mm																
22,679.6-29,483.5	260.4	130.1	7.1	25.4	19.1	19.8	61.0	108.0	215.9	25.4	5.2	1/2-14 NPT	38.1	76.2	26.2	55.9
45,359.2	260.4	130.1	7.1	25.4	—	—	61.0	108.0	215.9	25.4	5.2	1/2-14 NPT	38.1	76.2	26.2	55.9

Order Information

LOAD RATING	PART#	PRICE
50,000 lb (22,679.6 kg)	66080	\$995.00
65,000 lb (29,483.5 kg)	87162	995.00
100,000 lb (45,359.2 kg)	87163	1,325.00

*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Vishay Revere Transducers	5223	274
Artech	80210	—
Thurman®	TSC 800	—
Rice Lake Weighing Systems	RL75223	156

Weigh Module Available

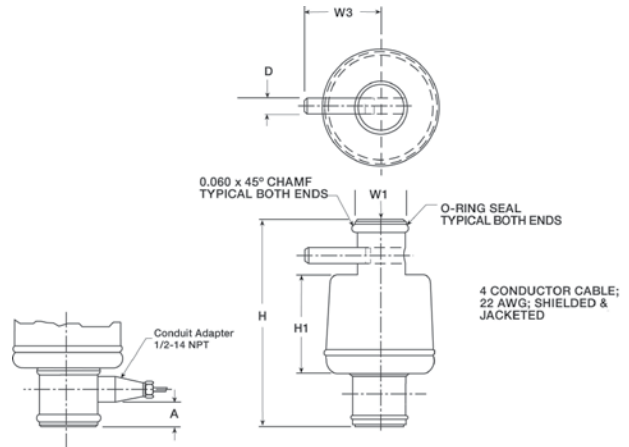
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	Translink™	98

65114



Rocker Column, Stainless Steel Hermetically Sealed, IP68, NTEP 1:10,000



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V nominal	Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Combined Error: 0.03% Full scale	Cable Color Code: Red + Excitation Black..... - Excitation Green + Signal White - Signal
Output Resistance: 1000 ohms +/- 10	Manufacturer Part Number: 65114SXX-1000H	Insulation Resistance: 1000 megohms	Warranty: Two-year limited warranty
Input Resistance: 1000 ohms	Safe Overload: 150% Full scale	Seal Type: Hermetically sealed, IP68	Approvals:  
Material/Finish: Stainless steel	Rated Excitation: 10V DC (15V maximum)	Cable Length: 35 ft/10.6 m	
		Cable Diameter: .305 polyurethane jacket	

Dimensions

RATED CAPACITY	A	D	H	H1	H2	W1	W2	W3
lb/inches								
50,000	.62	.38	6.00	2.82	1.59	1.46	1.46	2.5
50,000 LE	.62	.38	7.56	2.82	1.59	1.46	1.46	2.5
kg/mm								
22,680.0	15.6	9.7	152.4	71.6	40.4	37.08	37.1	63.5
22,680.0	15.6	9.7	192.0	71.6	40.4	37.08	37.1	63.5

65114 Order Information

LOAD RATING	PART#	PRICE
50,000 lb (22,680.0 kg)	46497	\$795.00
50,000 lb LE (22,680.0 kg)	47952	795.00
Replacement anti-rotational pins	116181	5.00
Replacement O-ring	92988	1.00

LE refers to large envelope

Interchangeable Products

MANUFACTURER	MODEL
Fairbanks	63951

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S-Beams

Page 323

620, Stainless Steel



Ideally suited for harsh environments, lever conversions, hopper/tanks and vibratory feeders, general purpose weighing and force measurement applications. The stainless steel, welded cavity design provides protection against water and corrosive materials. Capacities from 1102.3 to 11,023.1 lb (500 to 5000 kg). Complete with 16.4 ft/ 5 m of load cell cable.



Single-Ended

Page 324

3411/3421, Alloy Steel & Stainless Steel



This family of high quality single-ended beams is available in both alloy and stainless steel with NTEP approval. These products are ideal for low profile platforms, pallet truck weighers, tanks and silos. The durable stainless steel product offering is new and provides a solid choice for more severe weighing applications. Both versions are available in capacities ranging from 1000 to 10,000 lb. (453.6 to 4535.9 kg). A standard 10 ft/3 m cable is provided.



Page 325

3510lbs, Stainless Steel



Low profile and all-welded sealing combined with high accuracy makes the 3510 ideally suited for low-profile platforms, weigh modules, tanks and silos. Hermetic sealing and polyurethane shielded cable enable it to function in harsh environments while maintaining its operating specifications. Capacities from 1000 to 4000 lb (453.6 to 1814.4 kg).



Page 326

3510kg, Stainless Steel



The industry's only 6000 division OIML-approved single-ended beam. Low profile and all-welded sealing combined with high accuracy makes the 3510 ideally suited for low-profile platforms, weigh modules, tanks and silos. Hermetic sealing and polyurethane shielded cable enable it to function in harsh environments while maintaining its operating specifications. Capacities from 1102.3 to 11,023.1 lb (500 to 5000 kg).



Page 327

355, Stainless Steel



Welded stainless steel construction, welded sealing and polyurethane shielded cable enables the 355 to function in harsh environments while maintaining its operating specifications. Suitable for low-profile platforms, weighing and packing machines, electromechanical conversions and general-purpose weighing applications. Capacities from 11.0 to 1102.3 lb (5 to 500 kg).



Single Point

Page 328

1022, Aluminum



Very low-profile single-point load cell designed for direct mounting in low-cost platforms. Anodized aluminum construction is combined with two-beam machined technology to provide an affordable load cell option. Capacities from 6.6 to 77.1 lb (3 to 35 kg). Complete with 19.7 in/ 500 mm of load cell cable.



Page 329

1010, Aluminum, Potted/Unpotted



Off-center loading load cell designed for direct mounting of a weighing platform and simplifying construction of platform scales. Long-term stability and durability are maintained. Load cells with potted cavities are available for improved performance in damp environments. Capacities from 6.6 to 196.4 lb (3 to 90 kg).



Table of Contents

Single Points






Page 330	1030, Aluminum	<p>This high-performance product is the standard in many of today's postal or price computing scales. This very low profile three-beam designed single point is insensitive to off-center loads, which is a critical element in providing accurate results. The 1030 is also coated with a unique humidity-resistant protective coating to assure long-term stability in harsh environments and extreme temperatures. This model is available in capacities ranging from 6.6 to 33.1 lb (3 to 15 kg), and comes standard with a 3.3ft/ 1 m cable.</p>	
Page 331	1042, Aluminum	<p>A lower-profile single-point for platform weighing. This model is constructed of aluminum and is a two-beam design. This design offers high immunity to side forces and is specially coated to provide humidity resistance. Capacities from 2.2 to 220.5lb (1 to 100kg). Complete with 10ft/3.1 m of load cell cable.</p>	
Page 332	1042S, Aluminum	<p>A lower-profile single-point load cell for platform weighing, this two beam, aluminum constructed design offers high immunity to side forces and is coated to provide humidity resistance. NTEP-certified to 7500 divisions. Capacities from 44.1 to 220.5lb (20 to 100kg). Complete with 10ft/3.1 m of load cell cable.</p>	
Page 333	1040, Aluminum, Potted/Unpotted	<p>Low-profile, off-center loading load cell. Designed for direct mounting of weighing platforms, hanging scales and other low-capacity beam applications. Long-term stability and durability are maintained. Load cells with potted cavities are available for improved performance in damp environments. Capacities from 11.0 to 220.5lb (5 to 100kg).</p>	
Page 334	1130, Stainless Steel	<p>The Vishay Tedea-Huntleigh 1130 is a stainless steel single-point load cell that is designed for high performance in harsh environments. This product is primarily designed for platform weighing but is cost-effective to make it an appropriate selection for numerous applications. Capacities range from 15.4 to 220.5lb (7 to 100kg), and each unit is provided complete with 3.3ft/1 m of load cell cable.</p>	
Page 335	1140, Stainless Steel, Potted	<p>Low-profile, off-center loading load cell designed for direct mounting of weighing platforms, hanging scales and other low-capacity beam applications. Stainless steel construction and a unique humidity-resistant protective coating provide long-term stability, even in harsh environments. Load cells with potted cavities are available for improved performance in damp environments. Capacities from 33.1 to 330.7lb (15 to 150kg).</p>	
Page 336	1240, Stainless Steel	<p>The 1240 is a low-profile single point that is compact in design, considering the 440.9 and 551.2lb (200 and 250kg) capacity range. This cell is ideally suited for applications in light industrial or people weighing where overall deck height is a concern. The three-beam design makes the load cell less likely to be impacted by side forces and mounting imperfections. It features stainless steel construction and humidity-resistant coating for use in harsh environments with extreme temperatures. Each unit is provided with a standard 3.3ft/ 1 m cable.</p>	

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Single Points
















Page 337	220, Stainless Steel		<p>Model 220 is a low profile bending ring load cell designed for high capacity weighing applications, including weighbridges, tanks, silos and high capacity platform scales as well as force measurement. OIML and NTEP approved.</p>	
Page 338	1142, Stainless Steel		<p>It's small physical size, combined with high accuracy and low cost make the VPG 1142 the perfect selection for new or retrofit scales. It's stainless steel construction along with a humidity-resistant protective coating helps ensure stable operation in damp environments. The VPG 1142 is NTEP approved and is available with OIML approval. It comes with 10ft of cable standard. Capacities from 10kg to 150kg</p>	
Page 339	1241, Aluminum		<p>The 1241 combines a low profile, 3-beam off-center design for direct mounting to weighing platforms, hanging scales, and other eccentric loading applications. The load cell features four mounting holes instead of the traditional two, to provide additional loading stability. The 1241 is constructed of aluminum, and sealed using a unique humidity-resistant protective coating to assure durability and long life.</p>	
Page 340	1260, Aluminum		<p>High-capacity, off-center loading aluminum single-point. This model is of the two-beam design, and is specially coated to assure durability in harsh environments. Capacities from 110.2 to 1399.9lb (50 to 635kg). Complete with 10ft/ 3.1 m of load cell cable.</p>	
Page 341	1260S, Aluminum		<p>This single-point, off-center loading, aluminum load cell is designed for high-capacity applications and harsh environments. NTEP Certified to 10,000 divisions. Capacities from 165.4 to 1399.9lb (75 to 635kg). Complete with 10ft/ 3.1m of load cell cable.</p>	
Page 342	1263, Aluminum		<p>The rugged construction of the VPG 1263 offers high immunity to side loads making it suitable for a wide arrange of applications like bench scales and process weighing. It's special humidity resistant protective coating helps assure long-term stability over the entire compensated range. It is constructed of high quality aluminum and comes standard with 1.5 meters of cable. The 1263 is available in capacities from 50kg-635kg and OIML approved.</p>	
Page 343	1250, Aluminum, Potted		<p>High-capacity off-center loading load cell accurately weighs loads from 110.2 to 2205.0lb (50 to 1000kg). Long-term stability and durability are maintained. Load cells with potted cavities are available for improved performance in damp environments.</p>	
Page 344	1320, Aluminum		<p>Model 1320 is a high-capacity single-point load cell. Direct mounting of low-profile platforms simplifies the construction of floor scales, weigh bars, hanging scales and other types of weighing devices. Individually adjusted to eliminate corner errors. Capacities from 2204.6 to 4409.2lb (1000 to 2000kg).</p>	

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Page 345

1510, Stainless Steel



The 1510 is a stainless steel welded-seal cell ideally suited for washdown applications. Capacities from 100 kg to 500 kg.



Page 346

240, Alloy Steel/Stainless Steel, Fluid Damped



These load cells decrease weighing time and improve weighing accuracy in high-speed weighing applications. Since damping also protects the cells from shock and vibration, the load cell can endure harsh conditions, such as those encountered in repeated shock-loading applications. This also enables damped load cells to last longer than undamped load cells in any application. The cells are sealed, protecting them in washdown situations. Capacities from 4.4 to 110.2 lb (2 to 50 kg).



Available on request

Page 347

1430, Stainless Steel



The 1430 is uniquely designed to reduce weighing errors resulting from dynamic forces that occur on rotary liquid filling machines. The stainless steel housing offers protection in wash down or caustic environments. The unique design also protects against side loads which can occur with bottle jams in filling applications.

Page 348

9010, Aluminum, Fluid Damped



Model 9010 is a self-contained weighing module for use in repeated shock-loading applications or where fast weighing and settling times are required. Each is custom manufactured per specific application requirements. Capacities from 5.5 to 110.2 lb (3 to 50 kg). See Model 9010 Application Definition Form at the back of this section.



Available on request

Planar Beam

Page 349

380, Aluminum

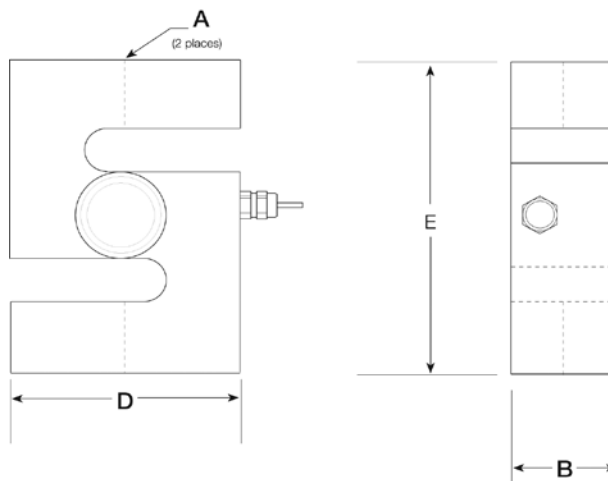


Model 380 is a very low profile planar beam design, allowing direct mounting in low profile platform scales. The range of capacities and low profile makes model 380 most suitable for use in a wide range of applications.





Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 ohms +/- 3

Input Resistance:

400 ohms +/- 20

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Rated Excitation:

10V DC (15V maximum)

Total Error:

0.02% Full scale

Insulation Resistance:

1000 megohms

Seal Type:

Welded-seal, IP68

Cable Length:

16.4 ft/5 m

Cable Diameter:

.220 polyurethane jacket

Cable Color Code:

- Blue+ Excitation
- Black.....- Excitation
- Green+ Sense
- Gray- Sense
- White+ Signal
- Red- Signal

Warranty:

One-year limited warranty

Approvals:



Available upon request Available upon request

Dimensions

RATED CAPACITY	A*	B	C	D	E
lb/inches					
1102.3-2204.6	2.88	1.32	N/A	2.88	3.70
4409.2	2.88	1.32	N/A	2.88	3.70
11,023.1	4.12	1.86	N/A	4.12	4.94
kg/mm					
500-1000	1/2-20 UNF	33.5	N/A	73.2	94.0
2000	3/4-16 UNF	33.5	N/A	73.2	94.0
5000	1-12 UNF	47.2	N/A	104.6	125.5

Order Information

LOAD RATING		PART #	PRICE
500 kg	(1102.3 lb)	36389	\$650.00
1000 kg	(2204.6 lb)	36390	650.00
2000 kg	(4409.2 lb)	36391	650.00
5000 kg	(11,023.1 lb)	36392	815.00

*Metric threads available

Weigh Module Available

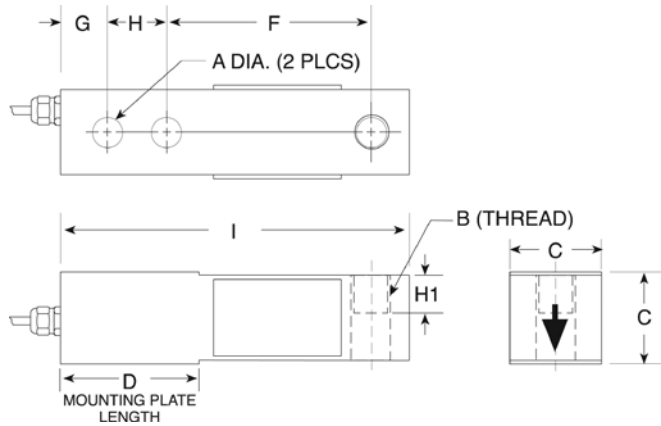
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	ITCM Isolated Tension Cell Mount	44

3411/3421

Single-Ended Beam, Alloy & Stainless Steel NTEP 1:3000 Single Cell, 1:5000, Multiple Cell, Class III, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0mV/V	Safe Overload: 150% Full scale
Output Resistance: 351 ohms +/- 5	Safe Sideload: 100% Full scale
Input Resistance: 385 ohms +/- 10	Rated Excitation: 10V DC (15V maximum)
Material/Finish: High-alloy steel, nickel plated	Total Error: 0.03% Full scale
Temperature: Operating range 14°F to 104°F/-10°C to 40°C	Insulation Resistance: 2000 megohms
	Deflection at Capacity: 1000-10,000 lb=.015 in/.4 mm

Seal Type: Environmentally sealed, IP67
Cable Length: 10 ft/3.1 m
Cable Diameter: .200 PVC jacket
Cable Color Code: Red+ Excitation Black.....- Excitation Blue+ Sense Brown- Sense Green+ Signal White- Signal

Warranty:
One-year limited warranty

Approvals:

Available upon request Available upon request

Dimensions

RATED CAPACITY	A	B	C	D	F	G	H	H1	I
lb/inches									
1000-4000	.53	1/2-20 UNF	1.24	2.25	3.00	.63	1.00	.60	5.12
5000-10,000	.78	3/4-16 UNF-2B	1.49	3.00	3.75	.75	1.50	.75	6.75
kg/mm									
453.6-1814.4	13.5	1/2-20 UNF	30.5	33.9	76.2	16.0	25.4	15.2	130.0
2268.0-4535.9	19.8	3/4-16 UNF-2B	37.8	76.2	95.3	19.1	35.6	19.1	171.5

Order Information

LOAD RATING	PART #	PRICE
Alloy Steel		
1000 lb (453.6 kg)	29903	\$295.00
2500 lb (1134.0 kg)	29904	295.00
4000 lb (1814.4 kg)	29905	295.00
5000 lb (2268.0 kg)	29906	375.00
10,000 lb (4535.9 kg)	29907	375.00
Stainless Steel		
1000 lb (453.6 kg)	47871	350.00
2500 lb (1134.0 kg)	47872	350.00
4000 lb (1814.4 kg)	47873	350.00
5000 lb (2268.0 kg)	47874	420.00
10,000 lb (4535.9 kg)	47875	445.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL30000	125
Vishay Revere Transducers	5123	264
Rice Lake Weighing Systems	RL39123*	128
Vishay Revere Transducers	9123*	265

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	50
Rice Lake Weighing Systems	RL1800 Series	60

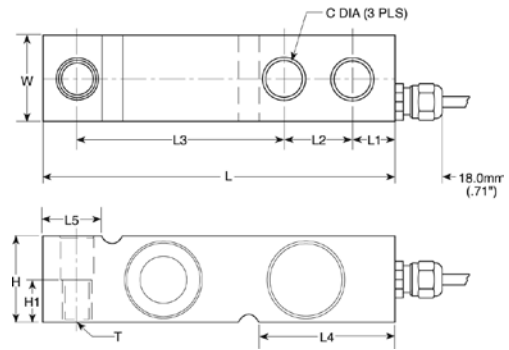
*Stainless steel

3510lbs

Single-Ended Beam, Stainless Steel Welded-Seal*, IP68, NTEP 1:3000 Single Cell, 1:5000 Multiple Cell, Class III



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
350 ohms +/- 3

Input Resistance:
415 ohms +/- 15

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Total Error:
0.02% Full scale

Insulation Resistance:
1000 megohms

Deflection at Capacity:
1000-4000 lbs ≤ .015 in/.4 mm

Seal Type:
Welded-seal*, IP68

Cable Length:
16.4 ft/5 m

Cable Diameter:
.220 polyurethane jacket

Cable Color Code:

- Red+ Excitation
- Black.....- Excitation
- Blue+ Sense
- Brown- Sense
- Green+ Signal
- White- Signal

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	C	C1	H	H1	L	L1	L2	L3	L4	L5	T	W
lb/inches												
1000-4000	.53	.53	1.26	.63	5.12	.62	1.00	3.00	1.97	.91	1/2-20 UNF-2B	1.26
kg/mm												
453.6-1814.4	13.5	13.5	32.0	16.0	130.0	15.8	25.4	76.2	50.0	23.1	1/2-20 UNF-2B	32.0

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	36458	\$485.00
1500 lb (680.4 kg)	36459	485.00
2500 lb (1134.0 kg)	36460	485.00
4000 lb (1814.4 kg)	36461	485.00

*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Vishay Sensortronics	65083	302
Vishay Celtron	SQB-HSS	197

Weigh Module Available

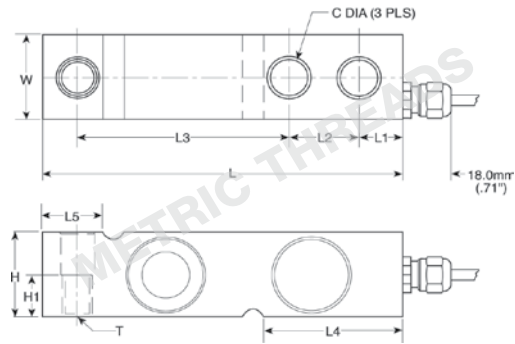
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	1700HE	34

3510 kg

Single-Ended Beam, Stainless Steel Welded-Seal, IP68, OIML C3



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 ohms +/- 3

Input Resistance:

380 ohms +/- 10

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Safe Sideload:

100% Full scale

Rated Excitation:

10V DC (15V maximum)

Total Error:

0.02% Full scale

Insulation Resistance:

2000 megohms

Deflection at Capacity:

500-5000 kg ≤ .015 in/.4 mm

Seal Type:

Welded-seal*, IP68

Cable Length:

16.4 ft/ 5 m

Cable Diameter:

.220 polyurethane jacket

Cable Color Code:

- Blue+ Excitation
- Black.....- Excitation
- Green+ Sense
- Grey- Sense
- White+ Signal
- Red- Signal

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	C	C1	H	H1	L	L1	L2	L3	L4	L5	T	W
kg/mm												
500-2000	13.5	13.5	32.0	16.0	130.0	15.8	25.4	76.2	50.5	23.5	M12 x 1.75 Thrd.	32.0
5000	20.5	20.5	48.0	—	171.5	19.0	38.1	95.3	70.0	37.0	—	36.5
lb/inches												
1102.3-4409.2	.53	.53	1.26	.63	5.12	.62	1.00	3.00	1.99	.93	M12 x 1.75 Thrd.	1.26
11,023.1	.80	.80	1.89	—	6.75	.75	1.50	3.75	2.76	1.46	—	1.44

Order Information

LOAD RATING	PART #	PRICE
500 kg	(1102.3 lb) 30161	\$485.00
1000 kg	(2204.6 lb) 30162	485.00
2000 kg	(4409.2 lb) 30163	485.00
5000 kg	11,023.1 lb) 30164	555.00

Interchangeable Products

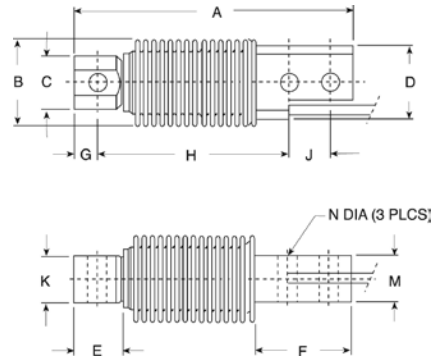
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RLHT0	136

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	1700HE	34



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V	Safe Overload: 150% Full scale	Seal Type: Welded-seal, IP68	Warranty: One-year limited warranty
Output Resistance: 355 ohms +/- 5	Rated Excitation: 10V DC (15V maximum)	Cable Length: 10 ft/3 m	Approvals: Available upon request
Input Resistance: 380 ohms +/- 10	Total Error: 0.02% Full scale	Cable Diameter: .220 polyurethane jacket	
Material/Finish: Stainless steel	Insulation Resistance: 2000 megohms	Cable Color Code: Blue+ Excitation Black.....- Excitation White+ Signal Red- Signal Green+ Sense Gray- Sense	
Temperature: Compensated range 14°F to 104°F/-10°C to 40° C	Deflection at Capacity: 5-500 kg≤.015 in/.4 mm		

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	M	N
kg/mm												
5-500	120.0	40.0	23.0	32.0	20.5	45.5	10.0	82.0	18.0	20.0	20.0	8.20
lb/inches												
11.0-1102.3	4.72	1.61	.91	1.26	.81	1.79	.39	3.23	.71	.79	.79	.32

Order Information

LOAD RATING	PART#	PRICE
5 kg (11.0 lb)	30165	\$525.00
10 kg (22.0 lb)	30166	525.00
20 kg (44.1 lb)	30167	525.00
50 kg (110.2 lb)	30168	525.00
100 kg (220.5 lb)	30169	525.00
200 kg (440.9 lb)	30170	525.00
250 kg (551.2 lb)	30171	525.00
500 kg (1102.3 lb)	36463	525.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RLHBB	144
Revere Transducers	SHB	270
Vishay Celtron	HBB	200
HBM	Z6	243

Weigh Module Available

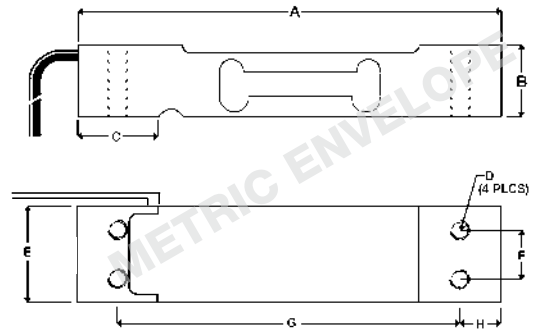
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	1700HE	34

1022

Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 2.0mV/V</p> <p>Output Resistance: 350 ohms +/- 3</p> <p>Input Resistance: 415 ohms +/- 15</p> <p>Material/Finish: Anodized aluminum</p> <p>Temperature: Compensated range 14°F to 104°F/-10°C to 40°C</p>	<p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Total Error: 0.02% Full scale</p> <p>Insulation Resistance: 2000 megohms</p> <p>Seal Type: Environmentally sealed</p>	<p>Cable Length: 1.5 ft/ 0.5 m 10 ft/ 3 m</p> <p>Cable Diameter: .140 PVC jacket</p> <p>Cable Color Code: Green+ Excitation Black.....- Excitation Red+ Signal White- Signal</p>	<p>Platform Size: 13.78 in x 13.78 in</p> <p>Warranty: One-year limited warranty</p> <p>Approvals:</p> <div style="display: flex; align-items: center;"> </div> <p style="font-size: small;">Available upon request</p>
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H
kg/mm								
3-7	130.0	22.0	25.0	M6 x 1.0	25.4	15.0	106.0	12.0
10-30	130.0	22.0	25.0	M6 x 1.0	30.0	15.0	106.0	12.0
35	130.0	22.0	25.0	M6 x 1.0	40.0	15.0	106.0	12.0
lb/inches								
6.6-15.4	5.12	.87	.99	M6 x 1.0	1.00	.59	4.17	.47
22.0-66.2	5.12	.87	.99	M6 x 1.0	1.18	.59	4.17	.47
77.2	5.12	.87	.99	M6 x 1.0	1.57	.59	4.17	.47

Order Information: 1.5 ft Cables

LOAD RATING	PART #	PRICE
3 kg (6.6 lb)	41135	\$140.00
5 kg (11.0 lb)	41136	140.00
7 kg (15.4 lb)	41137	140.00
10 kg (22.0 lb)	41138	140.00
15 kg (33.1 lb)	41139	140.00
20 kg (44.1 lb)	41140	140.00
30 kg (66.1 lb)	41141	140.00
35 kg (77.2 lb)	41142	140.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1521A	168
Vishay Celtron	LPS	206
Vishay BLH	C2G1	—
NMB*	C2G1	—

Order Information: OIML Version

LOAD RATING	PART #	PRICE
10 kg (22.0 lb)	150770	\$140.00
15 kg (33.1 lb)	150771	140.00
20 kg (44.1 lb)	150772	140.00
30 kg (66.1 lb)	150773	140.00

Order Information: 10ft cables

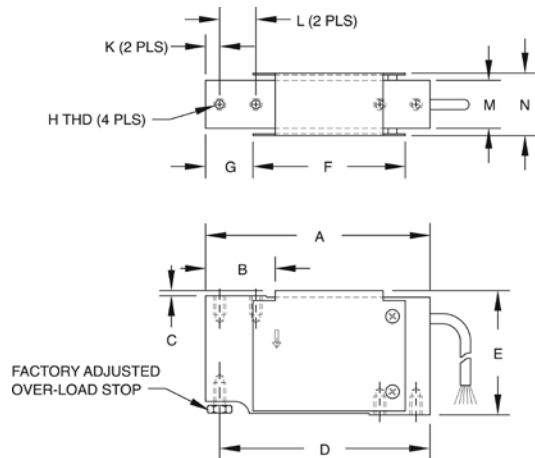
LOAD RATING	PART #	PRICE
3 kg (6.6 lb)	132269	\$140.00
5 kg (11.0 lb)	132270	140.00
7 kg (15.4 lb)	132271	140.00
10 kg (22.0 lb)	132272	140.00
15 kg (33.1 lb)	132273	140.00
20 kg (44.1 lb)	132274	140.00
30 kg (66.1 lb)	132275	140.00
35 kg (77.2 lb)	132276	140.00

1010

Potted & Unpotted Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 ohms +/- 3

Input Resistance:

415 ohms +/- 15

Material/Finish:

Aluminum

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% at center of loading point, full scale

Rated Excitation:

10V DC (15V maximum)

Total Error:

0.02% Full scale

Deflection at Capacity:

3-90 kg ≤ .015 in/.4 mm

Seal Type:

Potted and unpotted models

Cable Length:

10 ft/ 3.1 m

Cable Diameter:

.200 PVC jacket

Cable Color Code:

Green+ Excitation
Black.....- Excitation
Blue+ Sense
Brown- Sense
Red+ Signal
White- Signal

Platform Size:

15.75 in x 15.75 in

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	K	L	M	N
kg/mm												
3-90	118.0	34.0	3.0	110.5	66.0	80.0	25.0	1/4-20 UNC x 13 DP	7.5	19.05	25.4	33.5
lb/inches												
6.6-198.4	4.65	1.34	.12	4.35	2.60	3.15	.98	1/4-20 UNC x 0.5 DP	.30	.75	1.00	1.32

Order Information

LOAD RATING	PART #	PRICE
Potted, NTEP 1:5000		
10 kg (22.1 lb)	33727	\$195.00
15 kg (33.1 lb)	33728	195.00
20 kg (44.1 lb)	33729	195.00
30 kg (66.1 lb)	33730	195.00
50 kg (110.2 lb)	33731	195.00
Potted, Non-NTEP		
5 kg (11.0 lb)	17462	195.00
7 kg (15.4 lb)	17463	195.00
10 kg (22.1 lb)	17464	195.00
15 kg (33.1 lb)	17465	195.00
20 kg (44.1 lb)	17482	195.00
30 kg (66.1 lb)	17475	195.00
50 kg (110.2 lb)	17476	195.00
90 kg (198.4 lb)	17471	195.00

Order Information

LOAD RATING	PART #	PRICE
Unpotted, NTEP 1:5000		
5 kg (11.0 lb)	33732	\$180.00
7 kg (15.4 lb)	33733	180.00
Unpotted, Non-NTEP		
3 kg (6.6 lb)	17481	180.00

Interchangeable Products

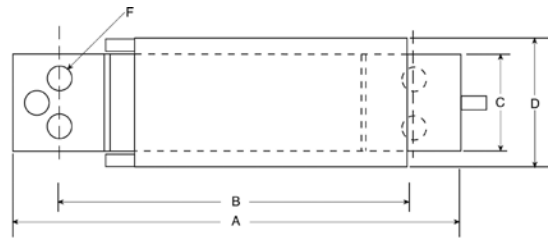
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1010	169

1030


Single Point, Aluminum OIML C2.5



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 2.0 mV/V</p> <p>Output Resistance: 350 ohms +/- 3</p> <p>Input Resistance: 415 ohms +/- 15</p> <p>Material/Finish: Anodized aluminum</p> <p>Temperature: Compensated range 0°F to 150°F/-18°C to 65°C</p>	<p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Total Error: 0.02%</p> <p>Insulation Resistance: 5000 megohms</p> <p>Deflection at Capacity: 3-15 kg=.015 in/.4 mm</p> <p>Seal Type: Environmentally sealed</p>	<p>Cable Length: 3.3ft/ 1 m</p> <p>Cable Diameter: .200 PVC jacket</p> <p>Cable Color Code: Green+ Excitation Black.....- Excitation Blue+ Sense Brown- Sense Red+ Signal White- Signal</p>	<p>Platform Size: 13.78 in x 13.78 in</p> <p>Warranty: One-year limited warranty</p> <p>Approvals: </p>
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Dimensions

RATED CAPACITY	A	B	C	D	E	F
kg/mm						
3-15	117.9	93.7	25.4	33.3	32.5	1/4-20 UNC x 10 DP
lb/inches						
6.6-33.1	4.64	3.69	1.00	1.31	1.28	1/4-20 UNC x 0.39 DP

Order Information

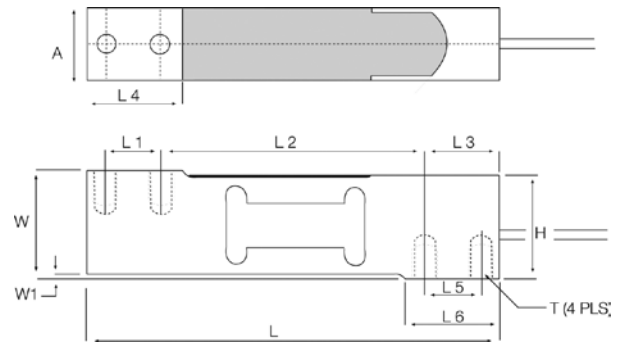
LOAD RATING		PART #	PRICE
3 kg	(6.6 lb)	47882	\$265.00
5 kg	(11.0 lb)	47883	265.00
7 kg	(15.4 lb)	47884	265.00
10 kg	(22.1 lb)	47885	265.00
15 kg	(33.1 lb)	47886	265.00

1042

Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0mV/V

Output Resistance:
350 ohms +/- 3

Input Resistance:
415 ohms +/- 15

Material/Finish:
Aluminum

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Total Error:
0.02% Full scale

Deflection at Capacity:
1-100 kg ≤ .015 in/.4 mm

Insulation Resistance:
2000 megohms

Seal Type:
Environmentally sealed

Cable Length:
10 ft/3.1 m

Cable Diameter:
.200 PVC jacket

Cable Color Code:
Green+ Excitation
Black- Excitation
Blue+ Sense
Brown- Sense
Red+ Signal
White- Signal

Platform Size:
16 in x 16 in

Warranty:
One-year limited warranty

Approvals:



 Available upon request

Dimensions

RATED CAPACITY	A	H	L	L1	L2	L3	L4	L5	L6	W	W1	T
kg/mm												
1-30	20.0	39	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20 UNC-2B
50-100	25.2	39	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20 UNC-2B
lb/inches												
2.2-66.1	.787	1.54	5.91	.75	3.937	.984	1.339	.75	1.339	1.575	.040	1/4-20 UNC-2B
110.2-220.5	.992	1.54	5.91	.75	3.937	.984	1.339	.75	1.339	1.575	.040	1/4-20 UNC-2B

Order Information

LOAD RATING	PART #	PRICE
1 kg (2.2 lb)	40680	\$180.00
3 kg (6.6 lb)	40681	180.00
5 kg (11.0 lb)	40682	180.00
10 kg (22.0 lb)	40683	180.00
15 kg (33.1 lb)	40684	180.00
20 kg (44.1 lb)	40685	180.00
30 kg (66.1 lb)	40686	180.00
50 kg (110.2 lb)	40687	180.00
75 kg (165.4 lb)	40688	180.00
100 kg (220.5 lb)	40689	180.00

Interchangeable Products

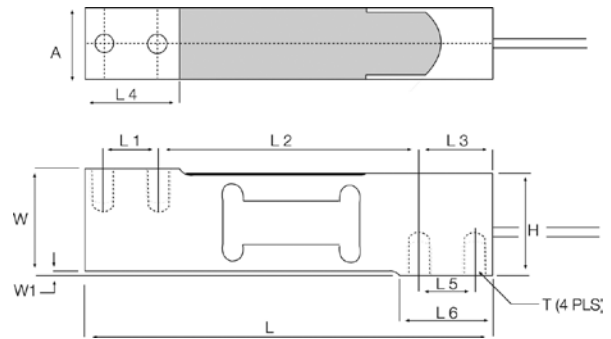
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1042	173

1042S

Single Point, Aluminum NTEP 1:7500 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V	Temperature: Compensated temperature range 14°F to 104°F/ 10°C to 40°C	Rated Excitation: 10V DC (15V maximum)	Insulation Resistance: 2000 megohms
Output Resistance: 350 ohms +/- 3	Safe Overload: 10V DC (15V maximum)	Total Error: 0.02% Full scale	Seal Type: Environmentally sealed
Input Resistance: 415 ohms +/- 15		Deflection at Capacity: 1-100 kg ≤ .015 in / .4 mm	Cable Length: 10 ft / 3.1 m
Material/Finish: Aluminum			Approvals:

Dimensions

RATED CAPACITY	A	H	L	L1	L2	L3	L4	L5	L6	W	W1	T
kg/mm												
20-30	20.0	39	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20 UNC-2B
50-100	25.2	39	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20 UNC-2B
lb/inches												
22.0-66.1	.787	1.54	5.91	.75	3.937	.984	1.339	.75	1.339	1.575	.040	1/4-20 UNC-2B
110.2-220.5	.992	1.54	5.91	.75	3.937	.984	1.339	.75	1.339	1.575	.040	1/4-20 UNC-2B

Order Information

LOAD RATING	PART #	PRICE
20 kg (44.1 lb)	76427	\$195.00
30 kg (66.1 lb)	76428	195.00
50 kg (110.2 lb)	76429	195.00
75 kg (165.4 lb)	76430	195.00
100 kg (220.5 lb)	76431	195.00

Interchangeable Products

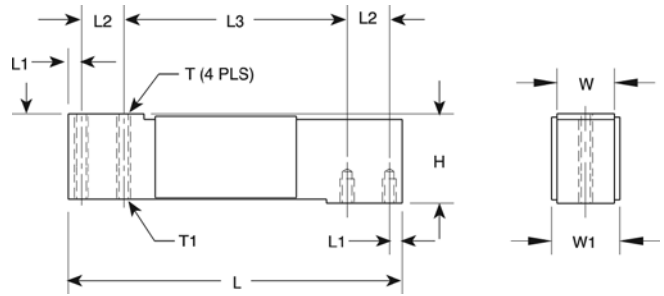
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1042	173

1040

Potted & Unpotted Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Available upon request

Specifications

Full Scale Output: 2.0 mV/V	Safe Overload: 200% at center loading point, full scale	Seal Type: Potted and unpotted models	Platform Size: 15.75 in x 15.75 in
Output Resistance: 350 ohms +/- 3	Rated Excitation: 10V DC (15V maximum)	Cable Length: 10 ft/3.1 m	Warranty: One-year limited warranty
Input Resistance: 415 ohms +/- 15	Total Error: 0.02% Full scale	Cable Diameter: .200 PVC jacket	Approvals:
Material/Finish: Anodized aluminum	Insulation Resistance: 2000 megohms	Cable Color Code: Green+ Excitation Black.....- Excitation Blue+ Sense Brown- Sense Red+ Signal White- Signal	Available upon request
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Deflection at Capacity: 5-100 kg≤.015 in/.4 mm		

Dimensions

RATED CAPACITY	H	L	L1	L2	L3	T	T1	W	W1
kg/mm									
5-100	40.0	150.0	5.95	19.05	100.0	1/4-20 UNC x 10 DP	1/4-28 UNF x 10 DP	25.4	29.4
lb/inches									
11.0-220.5	1.57	5.91	.23	.75	3.94	1/4-20 UNC x 0.39 DP	1/4-28 UNF x 0.39 DP	1.00	1.16

Order Information

LOAD RATING		PART #	PRICE
Potted, NTEP 1:5000			
10 kg	(22.1 lb)	33719	\$195.00
15 kg	(33.1 lb)	33720	195.00
20 kg	(44.1 lb)	33721	195.00
30 kg	(66.1 lb)	33722	195.00
50 kg	(110.2 lb)	33723	195.00
100 kg	(220.5 lb)	33724	195.00
Potted, Non-NTEP			
5 kg	(11.0 lb)	17449	190.00
7 kg	(15.4 lb)	17483	190.00

Order Information

LOAD RATING		PART #	PRICE
Unpotted, NTEP 1:5000			
5 kg	(11.0 lb)	33725	\$190.00
7 kg	(15.4 lb)	33726	190.00

Interchangeable Products

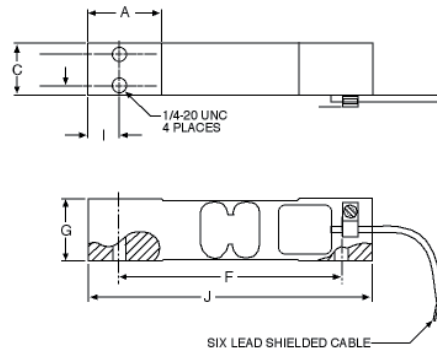
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1040	174
Vishay Celtron	LOC	207
Mettler Toledo	0785	

1130

Single Point, Stainless Steel NTEP 1:4000 Class III Single Cell



Picture is a representation of actual product



SIX LEAD SHIELDED CABLE

Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 350 ohms +/- 3 Input Resistance: 385 ohms +/- 15 Material/Finish: Stainless steel Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 200% full scale, at center loading point Rated Excitation: 10V DC (15V maximum) Total Error: 0.02% Full scale Insulation Resistance: 2000 megohms Deflection at Capacity: 7.5-100 kg ≤ .015 in/.4 mm	Seal Type: Environmentally sealed Cable Length: 4.92 ft**/ 1.5 m, 10 ft, 20 ft Cable Diameter: .200 PVC jacket Cable Color Code: Green+ Excitation Black.....- Excitation Blue+ Sense Brown- Sense Red+ Signal White- Signal	Platform Size: 15.75 in x 15.75 in Warranty: One-year limited warranty Approvals:
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Dimensions

RATED CAPACITY	A	B	C	F	G	I	J
kg/mm							
7.5-100	35.0	25.0	15.0	106	30	14.5	135
lb/inches							
16.6-220.5	1.378	.98	.591	4.173	1.18	.571	5.31

Order Information

LOAD RATING	PART #	PRICE
7.5 kg (16.6 lb)	111381**	\$265.00
7.5 kg (16.6 lb)	53485	255.00
10 kg (22.1 lb)	112374	255.00
10 kg (22.1 lb)	112365**	265.00
15 kg (33.1 lb)	53486	255.00
15 kg (33.1 lb)	114132**	265.00
15 kg (33.1 lb)	124512***	315.00
30 kg (66.1 lb)	124513***	315.00
30 kg (66.1 lb)	114133**	265.00
30 kg (66.1 lb)	53487	255.00
50 kg (110.2 lb)	53488	255.00
100 kg (220.0 lb)	53490*	255.00

*Non-NTEP
 **10' cable
 ***25' cable

Interchangeable Products

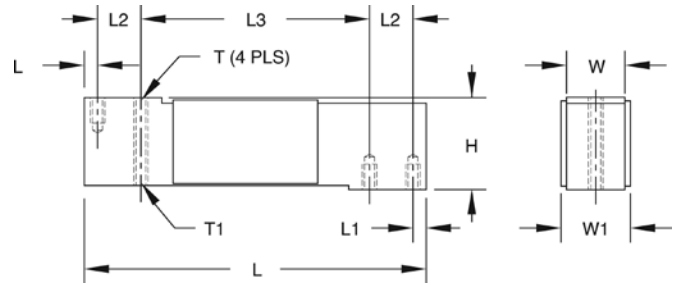
MANUFACTURER	MODEL
Avery-Weightronix	MK29

1140

Potted Single Point, Stainless Steel



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0mV/V

Output Resistance:
350 ohms +/- 3

Input Resistance:
385 ohms +/- 15

Material/Finish:
Stainless steel

Temperature:
Operating range
0°F to 150°F/-18°C to 65°C

Safe Overload:
150% at center loading point, full scale

Cable Diameter:
.200 PVC jacket

Rated Excitation:
10V DC (15V maximum)

Total Error:
0.02% Full scale

Insulation Resistance:
2000 megohms

Deflection at Capacity:
15-150 kg ≤ .015 in/.4 mm

Seal Type:
Environmentally sealed

Cable Length:
10 ft/ 3.1 m

Cable Diameter:
.200 PVC jacket

Cable Color Code:
Green+ Excitation
Black.....- Excitation
Blue+ Sense
Brown- Sense
Red+ Signal
White- Signal

Platform Size:
15.75 in x 15.75 in

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	H	L	L1	L2	L3	T	T1	W	W1
kg/mm									
15-150	40.0	150.0	5.95	19.1	100.0	1/4-20UNC x 10 DP	1/4-28UNF x 10 DP	25.4	29.4
lb/inches									
33.1-330.7	1.57	5.91	.23	.75	3.94	1/4-20UNC x 0.39 DP	1/4-28UNF x 0.39 DP	1.00	1.16

Order Information

LOAD RATING	PART #	PRICE
15 kg (33.1 lb)	17451	\$320.00
30 kg (66.1 lb)	17452	320.00
50 kg (110.2 lb)	17468	320.00
75 kg (165.4 lb)	17485	320.00
100 kg (220.5 lb)	17453	320.00
150 kg (330.7 lb)	36466	320.00

Interchangeable Products

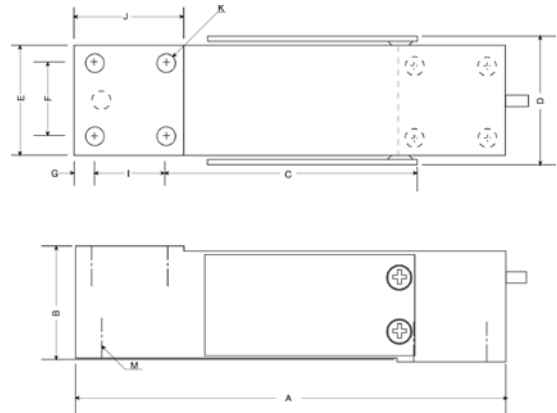
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1140	175

1240


Single Point, Stainless Steel



Picture is a representation of actual product



Specifications

<p>Full Scale Output: 2.0mV/V</p> <p>Output Resistance: 351 ohms +/- 5</p> <p>Input Resistance: 415 ohms +/- 15</p> <p>Material/Finish: Stainless steel</p> <p>Temperature: Operating range 0°F to 150°F/-18°C to 65°C</p>	<p>Safe Overload: 150% Full scale</p> <p>Rated Excitation: 10V DC (15V maximum)</p> <p>Total Error: 0.02%</p> <p>Insulation Resistance: 2000 ohms</p> <p>Deflection at Capacity: 200-250 kg=.015 in/.4 mm</p> <p>Seal Type: Environmentally sealed</p>	<p>Cable Length: 10 ft/ 3.1 m</p> <p>Cable Diameter: .200 PVC jacket</p> <p>Cable Color Code: Green+ Excitation Black.....- Excitation Blue+ Sense Brown- Sense Red+ Signal White- Signal</p>	<p>Platform Size: 15.5 in x 15.5 in</p> <p>Warranty: One-year limited warranty</p> <p>Approvals: </p>
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	I	J	H	M
kg/mm											
200-250	150.1	39.9	86.6	43.4	38.1	25.4	6.35	25.4	38.1	1/4-20 UNC x 13 DP	1/4-28 UNF x 10 DP
lb/inches											
441-551.3	5.91	1.57	3.41	1.71	1.50	1.00	.25	1.00	1.50	1/4-20 UNC x 0.51 DP	1/4-28 UNF x 0.39 DP

Order Information

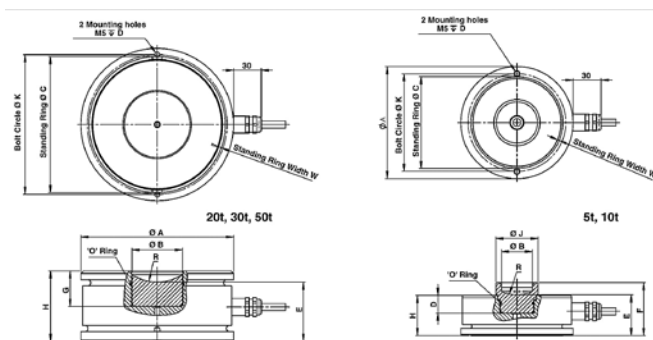
LOAD RATING	PART #	PRICE
200 kg (441 lb)	47880	\$350.00
250 kg (551.3 lb)	47881	350.00

220

Compression, Stainless Steel, NTEP 1:10,000 Class III L, Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output:
2 mV/V

Output Resistance:
1025 ohms +/- 20

Input Resistance:
1065 ohms +/- 60

Material/Finish:
Stainless steel

Temperature:
Compensated range
14° to 104°F/-10°C to 40°C

Safe Overload:
150% at center loading point, full scale

Rated Excitation:
10V DC (15V maximum)

Total Error:
0.020% full scale

Insulation Resistance:
2000 megohms

Deflection at Capacity:
<.5 mm at full scale

Seal Type:
Hermetically sealed, IP68

Cable Length:
5 m (5000 kg)
10 m (10-20,000 kg)
20 m (30,000 kg)

Cable Diameter:
.220 polyurethane jacket

Cable Color Code:
Blue+ Excitation
Black.....- Excitation
Green+ Sense
Grey- Sense
White+ Signal
Red- Signal

Warranty:
One-year limited warranty

Approvals:

 Available upon request

Dimensions

RATED CAPACITY	A	B	C	D	E	H
kg/mm						
5000 kg	80	19	70	20	33.4	30
10000 kg	92	28	80	14.6	33.4	33
20000 kg-30,000 kg	110	29	101.5	26.3	39	50

Order Information

LOAD RATING		PART #	PRICE
5000 kg	(11,023.1 lb)	65854	\$1,195.00
10,000 kg	(22,046.2 lb)	65855	1,295.00
20,000 kg	(44,092.5 lb)	65856	1,295.00
30,000 kg	(66,138.7 lb)	65857	1,295.00

Weigh Module Available

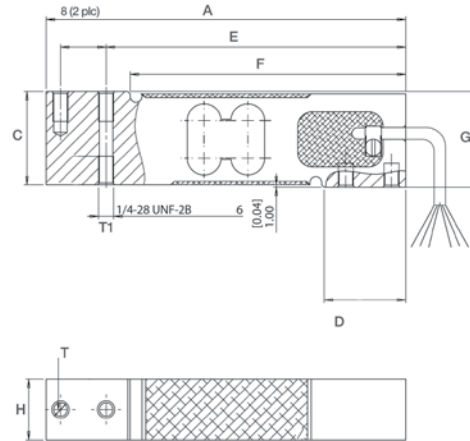
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	220	80

1142

Single Point, Stainless Steel, NTEP 1:5000 Class III Single Cell, IP66



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

351 ohms +/- 5.0

Input Resistance:

385 ohms +/- 10

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% Full scale

Rated Excitation:

10V DC nominal (15V maximum)

Total Error:

0.02% FS

Deflection at Capacity:

≤ 0.015 in/0.9 mm

Insulation Resistance:

2000 megohms

Seal Type:

Environmentally sealed, IP66

Cable Length:

10 ft/3.1 m

Cable Diameter:

.200 PVC Jacket

Platform Size:

16 x 16 in

Cable Color Code:

- Green + Excitation
- Black - Excitation
- Blue + Sense
- Brown - Sense
- Red + Signal
- White - Signal

Warranty:

One-year limited warranty

Approvals:



Available upon request

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	T	T1
lb/inches										
22.0-220 lb	5.91	0.75	1.54	1.34	4.92	4.53	1.57	1.00	1/4-20 UNC	1/4-28 UNF
kg/mm										
10-100 kg	150.00	19.05	39.00	34.00	125.0	115.0	40.00	25.4	1/4-20 UNC	1/4-28 UNF

Order Information

LOAD RATING	PART #	PRICE
10 kg (22 lb)	156361	\$320.00
15 kg (33 lb)	156362	320.00
20 kg (44 lb)	156363	320.00
30 kg (66 lb)	156364	320.00
50 kg (110 lb)	156365	320.00
75 kg (165 lb)	156366	320.00
100 kg (220 lb)	156367	320.00

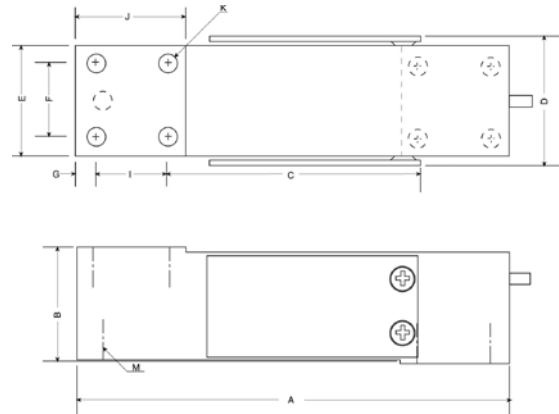
Metric threads available as an option

1241

Single Point, Aluminum OIML C3



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V Output Resistance: 351 ohms +/- 5 Input Resistance: 415 ohms +/- 15 Material/Finish: Aluminum Temperature: Operating range 0°F to 150°F/-18°C to 65°C	Safe Overload: 150%, Full scale Rated Excitation: 10V DC (15V maximum) Total Error: 0.005% Insulation Resistance: 2000 megohms Deflection at Capacity: 50-250 kg=.015 in/.4 mm Seal Type: Environmentally sealed	Cable Length: Potted: 3.2ft/1 m Cable Diameter: .200 PVC jacket Cable Color Code: Green+ Excitation Black.....- Excitation Blue+ Sense Brown- Sense Red+ Signal White- Signal	Platform Size: 15.5 in x 15.5 in Warranty: One-year limited warranty Approvals:
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	I	J	K	M
kg/mm											
50-250	150.1	39.9	86.6	43.4	38.1	25.4	6.35	25.4	38.1	1/4-20 UNC x 13 DP	1/4-28 UNF x 10 DP
lb/inches											
110.2-551.3	5.91	1.57	3.41	1.71	1.50	1.00	.25	1.00	1.50	1/4-20 UNC x 0.51 DP	1/4-28 UNF x 0.39 DP

Order Information: Potted

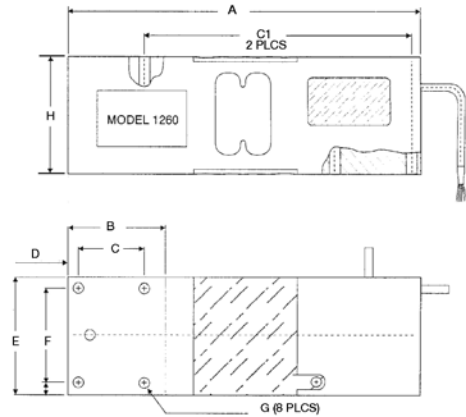
LOAD RATING	PART #	PRICE
50 kg (110.2 lb)	132832	\$275.00
100 kg (220.5 lb)	132962	275.00
150 kg (330.7 lb)	132963	275.00
200 kg (441.0 lb)	132964	275.00
250 kg (551.3 lb)	132965	275.00

1260

Single Point, Aluminum NTEP 1:5000 Class III Single Cell, IP67



Picture is a representation of actual product



Available upon request

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 ohms +/- 3

Input Resistance:

415 ohms +/- 15

Material/Finish:

Anodized aluminum

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:

150% of full scale at center loading point

Rated Excitation:

10V DC (15V maximum)

Total Error:

0.02% Full scale

Insulation Resistance:

2000 megohms

Seal Type:

Environmentally sealed, IP67

Cable Length:

10 ft/3 m

Cable Diameter:

.220 polyurethane jacket

Cable Color Code:

Green+ Excitation
Black- Excitation
Blue+ Sense
Brown- Sense
Red+ Signal
White- Signal

Max Platform Size:

24 in x 24 in

Warranty:

One-year limited warranty

Approvals:



Available upon request

Dimensions

RATED CAPACITY	A	B	C	C1	D	E	F	G	H
kg/mm									
50-635	188	52	35	142	5.5	62.3	50	5/16-18 UNC-2B	62.3
lb/inches									
110.2-1399.9	7.40	2.05	1.38	5.59	.22	2.45	1.97	5/16-18 UNC-2B	2.45

Order Information

LOAD RATING	PART #	PRICE
50 kg (110.2 lb)	40769	\$310.00
75 kg (165.4 lb)	40770	310.00
100 kg (220.5 lb)	40771	310.00
200 kg (440.9 lb)	40772	310.00
250 kg (551.2 lb)	40773	310.00
300 kg (661.4 lb)	40774	310.00
500 kg (1102.3 lb)	40775	310.00
635 kg (1399.9 lb)	40776	310.00

Interchangeable Products

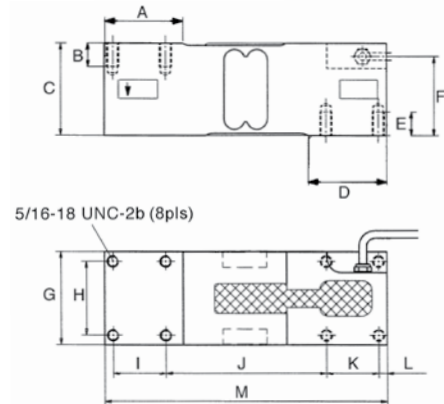
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1260	178
HBM	PW16	249

1260S

Single Point, Aluminum NTEP 1:10,000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V Output Resistance: 350 ohms +/- 3 Input Resistance: 415 ohms +/- 15 Material/Finish: Anodized aluminum Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Safe Overload: 150% of full scale at center loading point Rated Excitation: 10V DC (15V maximum) Total Error: 0.02% Full scale Insulation Resistance: 2000 megohms Seal Type: Environmentally sealed	Cable Length: 10 ft/ 3.1 m Cable Diameter: .220 polyurethane jacket Cable Color Code: Green+ Excitation Black.....- Excitation Blue+ Sense Brown- Sense Red+ Signal White- Signal	Max Platform Size: 24 in x 24 in Warranty: One-year limited warranty Approvals:
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Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J	K	L	M
kg/mm													
75-635	52	16	62.3	52	16	52.3	63	50	35	107	35	5.5	188
lb/inches													
165.4-1399.9	2.04	.62	2.45	2.04	.62	2.05	2.48	1.96	1.37	4.21	1.37	.21	7.40

Order Information

LOAD RATING		PART #	PRICE
75 kg	(165.4 lb)	76395	\$325.00
100 kg	(220.5 lb)	76396	325.00
150 kg	(330.75 lb)	76397	325.00
200 kg	(440.9 lb)	76398	325.00
250 kg	(551.2 lb)	76399	325.00
300 kg	(661.4 lb)	76400	325.00
500 kg	(1102.3 lb)	76401	325.00
635 kg	(1399.9 lb)	76402	325.00

Interchangeable Products

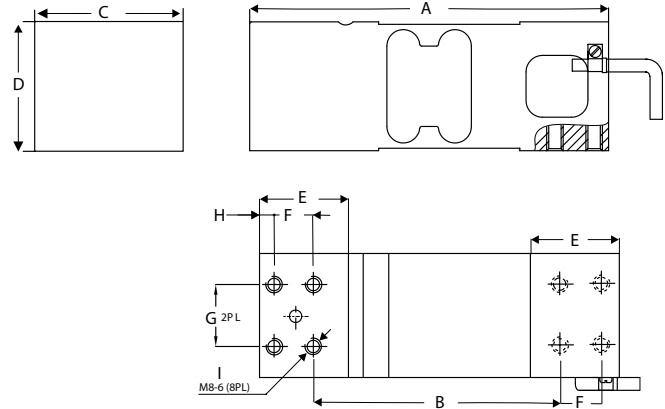
MANUFACTURER	MODEL	PAGE #
Vishay TedeA-Huntleigh	1260	340
Rice Lake Weighing Systems	RL1260	178

1263

Single Point, Aluminum OIML C3, IP66



Picture is a representation of actual product



Specifications

Full Scale Output:
2 mv/V

Output Resistance:
350 ohms ± 3

Input Resistance
415 ohms ± 15

Material/Finish:
Anodized aluminum

Temperature:
Compensated range:
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% of rated output

Rated Excitation:
10VAC (15 V max)

Total Error:
0.02% of rated output

Insulation Resistance:
2000 megohms

Seal Type:
IP66

Cable Length:
5 ft/1.5 m

Cable Diameter:
.200 PVC jacket

Cable Color Code:
Green + Excitation
Black - Excitation
Red + Signal
White - Signal

Max Platform Size:
24 in x 24 in

Warranty:
One-year limited warranty

Approvals:

 Available upon request

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I
kg/mm									
50-635 kg	174.0	122.0	60.0	62.5	43.0	19.0	30.0	7.0	M8-6
lb/inches									
110.2-1399.9 lb	6.85	4.80	2.36	2.46	1.69	0.74	1.18	0.27	M8-6

Order Information

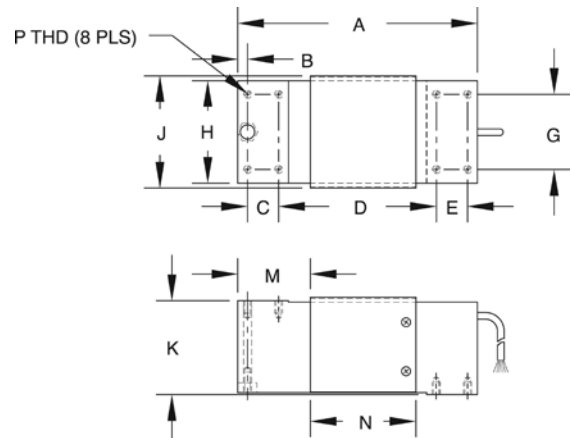
LOAD RATING		PART #	PRICE
50 kg	(110.2 lb)	157478	\$275.00
100 kg	(165.4 lb)	157479	275.00
150 kg	(220.5 lb)	157480	275.00
200 kg	(440.9 lb)	157481	275.00
250 kg	(551.2 lb)	157482	275.00
300 kg	(661.4 lb)	157483	275.00
500 kg	(1102.3 lb)	157484	275.00
635 kg	(1399.9 lb)	157485	275.00

1250

Potted Single Point, Aluminum NTEP 1:5000 Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V	Rated Excitation: 10V DC (15V maximum)	Cable Length: 10 ft/ 3.1 m	Max Platform size: 24 in x 24 in
Bridge Resistance: 350 ohms, nominal	Total Error: 0.02% Full scale	Cable Diameter: .200 PVC jacket	Warranty: One-year limited warranty
Material/Finish: Anodized aluminum	Insulation Resistance: 2000 megohms	Cable Color Code: Green+ Excitation Black.....- Excitation Blue+ Sense Brown- Sense Red+ Signal White- Signal	Approvals: Available upon request
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C	Deflection at Capacity: 50-1000 kg ≤ .015 in/.4 mm		
Safe Overload: 150% of full scale at center loading point	Seal Type: Environmentally sealed		

Dimensions

RATED CAPACITY	A	B	C	D	E	G	H	J	K	M	N	P
kg/mm												
50-1000	191.0	11.0	25.0	125.0	25.0	60.0	75.0	82.0	75.0	57.5	85.0	5/16-18 UNC x 15 DP
lb/inches												
220.5-2205	7.52	.43	.98	4.92	.98	2.36	2.95	3.23	2.95	2.26	3.35	5/16-18 UNC x .59 DP

Order Information

LOAD RATING		PART #	PRICE
Potted, NTEP 1:5000			
50 kg	(110.3 lb)	17478	\$315.00
75 kg	(165.4 lb)	17469	315.00
100 kg	(220.5 lb)	33711	315.00
150 kg	(330.7 lb)	33712	315.00
200 kg	(440.9 lb)	33713	315.00
250 kg	(551.2 lb)	33714	315.00
300 kg	(661.4 lb)	33715	315.00
500 kg	(1102.3 lb)	33716	315.00
635 kg	(1399.9 lb)	33717	315.00
1000 kg	(2205 lb)	17480	315.00

1250 Order Information

LOAD RATING		PART #	PRICE
Non-NTEP with 25 ft potted Load Cell Cable			
50 kg	(110.3 lb)	40944	\$345.00
75 kg	(165.4 lb)	40945	345.00
100 kg	(220.5 lb)	40946	345.00
150 kg	(330.7 lb)	32342	345.00
200 kg	(440.9 lb)	32341	345.00
250 kg	(551.2 lb)	40947	345.00
300 kg	(661.4 lb)	32340	345.00

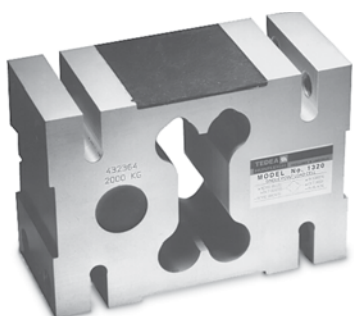
Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1250	179
Vishay Celtron	LOC	207
Flintec	PCB*	225

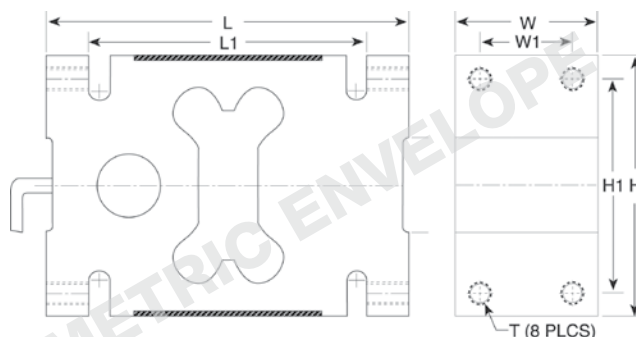
*Stainless steel, hermetically sealed

1320

Single Point, Aluminum NTEP 1:3000, Class III Single Cell



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0mV/V

Output Resistance:
350 ohms +/- 3

Input Resistance:
415 ohms +/- 15

Material/Finish:
Aluminum alloy

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% Full scale

Rated Excitation:
10V DC (15V maximum)

Total Error:
0.02% Full scale

Insulation Resistance:
2000 megohms

Deflection at Capacity:
1000-2000 kg ≤ 0.15 in/.4 mm

Max. Platform Size:
4 ft x 4 ft/1.2 m x 1.2 m

Seal Type:
Environmentally sealed

Cable Length:
16.04 ft/ 5 m

Cable Diameter:
.220 polyurethane jacket

Cable Color Code:
Green+ Excitation
Black.....- Excitation
Blue+ Sense
Brown- Sense
Red+ Signal
White- Signal

Warranty:
One-year limited warranty

Approvals:




 Available upon request

Dimensions

RATED CAPACITY	H	H1	H2	L	L1	T	W	W1
kg/mm								
1000-2000	126.0	95.0	45.0	176.0	135.0	M16 x 2-6H	76.0	46.0
lb/inches								
2204.6-4409.2	4.96	3.74	1.77	6.93	5.31	M16 x 2-6H	2.99	1.81

Order Information

LOAD RATING	PART #	PRICE
1000 kg (2204.6 lb)	29908	\$525.00
1500 kg (3306.9 lb)	29909	525.00
2000 kg (4409.2 lb)	29910	525.00

Interchangeable Products

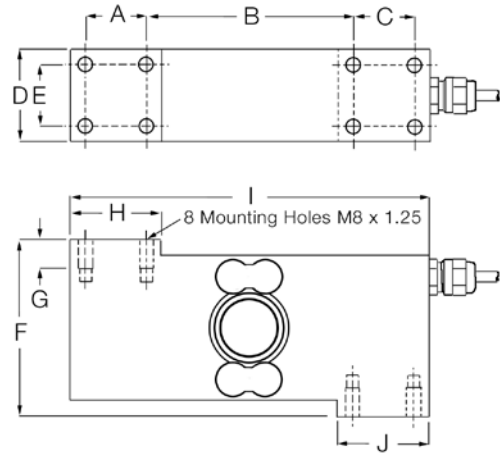
MANUFACTURER	MODEL	PAGE #
Vishay Celtron	HOC	209

1510

Single Point, Stainless Steel Welded-Seal, IP68



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
350 ohms +/- 3

Input Resistance:
380 ohms +/- 10

Material/Finish:
Stainless steel

Temperature:
Compensated range
14°F to 104°F/-10°C to 40°C

Safe Overload:
150% at center loading point, full scale

Rated Excitation:
10V DC (15V maximum)

Total Error:
0.020% Full scale

Insulation Resistance:
2000 megohms

Seal Type:
Welded-seal, IP68

Cable Length:
10 ft/ 3.1 m

Cable Diameter:
.220 polyurethane jacket

Cable Color Code:
Green.....+ Input
Black.....- Input
Blue.....+ Sense
Brown.....- Sense
Red.....+ Output
White.....- Output

Platform Size:
23.62 in x 23.62 in

Warranty:
One-year limited warranty

Approvals:

Dimensions

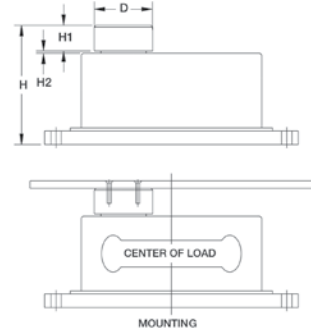
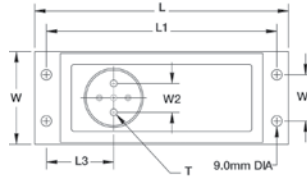
RATED CAPACITY	A	B	C	D	E	F	G	H	I	J
kg/mm										
100-500 kg	25.4	86.3	25.4	38.1	25.4	72.8	11.9	38.1	149.9	38.1
lb/inches										
100-500 lb	1.00	3.40	1.00	1.50	1.00	2.87	0.47	1.50	5.90	1.50

Order Information

LOAD RATING		PART #	PRICE
100 kg	(220.5 lb)	65851	\$795.00
250 kg	(551.2 lb)	65852	795.00
500 kg	(1102.3 lb)	65853	795.00



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0mV/V
Output Resistance: 350 ohms +/- 3
Input Resistance: 415 ohms +/- 15
Material/Finish: Anodized aluminum load cell in alloy steel or stainless steel enclosure
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload: 150% at center loading point, full scale
Rated Excitation: 10V DC (15V maximum)
Total Error: 0.025% Full scale
Insulation Resistance: 2000 megohms
Seal Type: Environmentally sealed, IP66

Cable Length: 10 ft/ 3 m
Cable Diameter: .370 PVC jacket
Cable Color Code:
 Green+ Excitation
 Black.....- Excitation
 Blue+ Sense
 Brown- Sense
 Red+ Signal
 White- Signal

Warranty: One-year limited warranty
Approvals:

 Available upon request

Dimensions

RATED CAPACITY	D	H	H1	H2	L	L1	L3	T	W	W1	W2
kg/mm											
2-50	50 DIA	115.0	21.0	2.0	220.0	200.0	58.5	1/4-20 UNC x 10 DP	80.0	40.0	25.0
lb/inches											
4.4-110.2	1.97 DIA	4.53	.83	.08	8.66	7.87	2.30	1/4-20 UNC x 0.39 DP	3.15	1.57	.98

Order Information

LOAD RATING		PART #	PRICE
Stainless Steel*			
2 kg	(*4.4 lb)	17567	\$825.00
5 kg	(11.0 lb)	17568	825.00
7 kg	(15.4 lb)	17569	825.00
10 kg	(22.0 lb)	17570	825.00
15 kg	(33.1 lb)	17571	825.00
20 kg	(44.1 lb)	17572	825.00
30 kg	(66.1 lb)	17573	825.00
50 kg	(110.2 lb)	17574	825.00

Order Information

LOAD RATING		PART #	PRICE
Alloy Steel*			
2 kg	(*4.4 lb)	17559	\$725.00
5 kg	(11.0 lb)	17560	725.00
7 kg	(15.4 lb)	17561	725.00
10 kg	(22.0 lb)	17562	725.00
15 kg	(33.1 lb)	17563	725.00
20 kg	(44.1 lb)	17564	725.00
30 kg	(66.1 lb)	17565	725.00
50 kg	(110.2 lb)	17566	725.00

*Non-NTEP

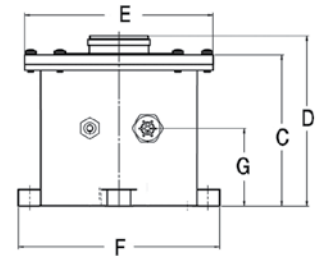
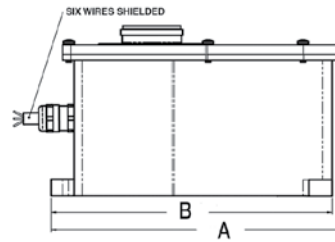
Note: The special fluid damped operation is particularly well-suited for applications where quick weighing is required, e.g., checkweighers

1430

Single Point, Fluid Damped Stainless Steel Housing for Rotary Filling Machines



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V, +/- 0.3 mV

Output Resistance:
350 ohms +/- 3

Input Resistance:
415 ohms +/- 15

Material/Finish:
Stainless Steel

Temperature:
0°F to 150°F/-18°C to 66°C

Safe Overload:
160%

Rated Excitation:
10V DC

Combined Error:
0.05% Full scale

Insulation Resistance:
2000 megohms

Seal Type:
Environmentally sealed

Cable Length:
6 m PVC Jacket

Cable Color Code:
Green+ Excitation
Black- Excitation
White+ Signal
Red- Signal
Blue+ Sense
Brown- Sense

Warranty:
One-year limited warranty

Dimensions

RATED CAPACITY	A	B	C	D	E	F
lb/inches						
17, 23 lb	5.94	5.71	3.07	3.46	3.82	4.09
kg/mm						
3 kg	151.0	145.0	78.1	87.8	97.0	103.8

Order Information

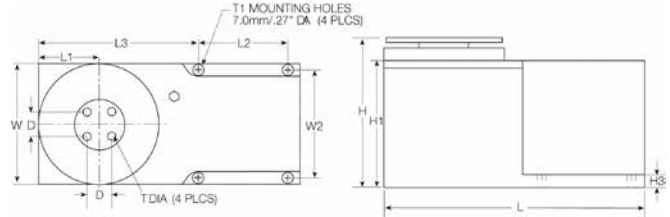
LOAD RATING	PART #	PRICE
17 lb	131953	\$1,195.00
23 lb	131954	1,195.00
3 kg	131952	1,195.00

9010

Single Point, Fluid Damped Load Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 350 ohms +/- 5 Input Resistance: 415 ohms +/- 15 Material/Finish: Anodized load cell in nickel plated housing Temperature: Compensated range 0°F to 150°F/-18°C to 65°C	Safe Overload: 800% Full scale downward, 400% Full scale upward Rated Excitation: 15V DC (15V maximum) Total Error: 0.03% Full scale Insulation Resistance: 5000 megohms Seal Type: Environmentally sealed	Cable Length: 3 ft./9 m Cable Diameter: .370 PVC jacket Cable Color Code: Green+ Excitation Black.....- Excitation Blue+ Sense Brown- Sense Red+ Signal White- Signal	Warranty: One-year limited warranty Approvals:
---	---	--	--

Dimensions

RATED CAPACITY	D	H	H1	H3	L	L1	L2	L3	T	W	W2
lb/inches											
6.6-110.2	.75	4.53	3.83	.39	7.85	1.81	2.81	4.72	1/4-20 UNC x .79 DP	3.62	3.23
kg/mm											
3-50	19.05	115.2	97.3	10.0	199.5	46.0	71.5	119.8	1/4-20 UNC x 20 DP	92.0	82.0

9010 Order Information

LOAD RATING		PART #	PRICE
3 kg	(6.6 lb)	Consult factory	\$950.00
5 kg	(11.0 lb)	Consult factory	950.00
7 kg	(15.4 lb)	Consult factory	950.00
10 kg	(22.0 lb)	Consult factory	950.00
15 kg	(33.1 lb)	Consult factory	950.00
20 kg	(44.1 lb)	Consult factory	950.00
30 kg	(66.1 lb)	Consult factory	950.00
50 kg	(110.2 lb)	Consult factory	950.00

Note: The special fluid damped operation is particularly well-suited for applications where quick weighment is required, e.g., checkweighers

9010 load cells are custom-manufactured per specific application requirements; Use the Application Definition Form on the last page of this section to define your applications

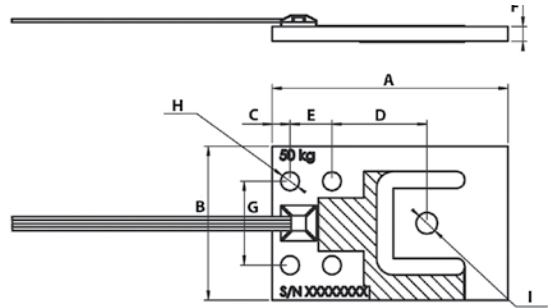
Available in stainless steel with breather vent option for washdown application

Model 380


Planar Beam, Aluminum, IP65, NTEP 1:4000 III Single Cell / 1:5000 III Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output: 1 mV/V	Temperature: 14°F to 104°F/-10°C to 40°C	Insulation Resistance: 5000 megohms	Warranty: One-year limited warranty
Output Resistance: 1000 ohms +/-10	Safe Overload: 150% Full scale	Cable Length: 1.5 m flat ribbon type, PVC	Approvals:
Input Resistance: 1160 ohms +/- 15	Rated Excitation: 10V DC	Cable Color Code: Green+ Excitation Black.....- Excitation White- Signal Red+ Signal	 Available upon request
Material/Finish: Aluminum	Seal Type: IP65		

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I
kg/mm									
7.5 kg	70	39	2.5	28	14	4.9	27.8	5.1	5.1
37.5 kg	76.2	44.5	4.8	29.3	15	6	30	6.6	6.2
50 kg	84.5	55	5.3	34	15	6.4	30	6.6	7.6
75 kg	84.5	55	6.4	34	15	6.4	30	6.6	7.6
150 kg	107.5	70	8	45.9	22.8	7.8	44.5	8.1	8.2

Order Information

LOAD RATING		PART #	PRICE
7.5 kg	(16.5 lb)	112921	\$75.00
37.5 kg	(82.7 lb)	112922	80.00
50 kg	(110.2 lb)	112923	85.00
75 kg	(165.3 lb)	112924	85.00
150 kg	(330.7 lb)	112925	100.00

Vishay Tedea-Huntleigh Model 9010 Application Definition Form

Customer's Name: _____ Number of Units: _____

Contact Person: _____ Date: _____

Application: _____

Tare Weight (Dead Load), kg: _____

Useful Weight (Live Load), kg: _____

If Checkweigher:

Size of conveyor platform (cm x cm): Length (Movement Direction) _____ Width _____

Size of weighed product in movement direction (cm): _____

Speed of belt (cm/sec): _____

Tare Weight Distribution: Conveyor (kg) _____

Motor (kg) _____

Position of motor (see sketch, cm): D _____ F _____

If not checkweigher (see sketch):

Estimate tare C. G. Position (cm): D _____ F _____

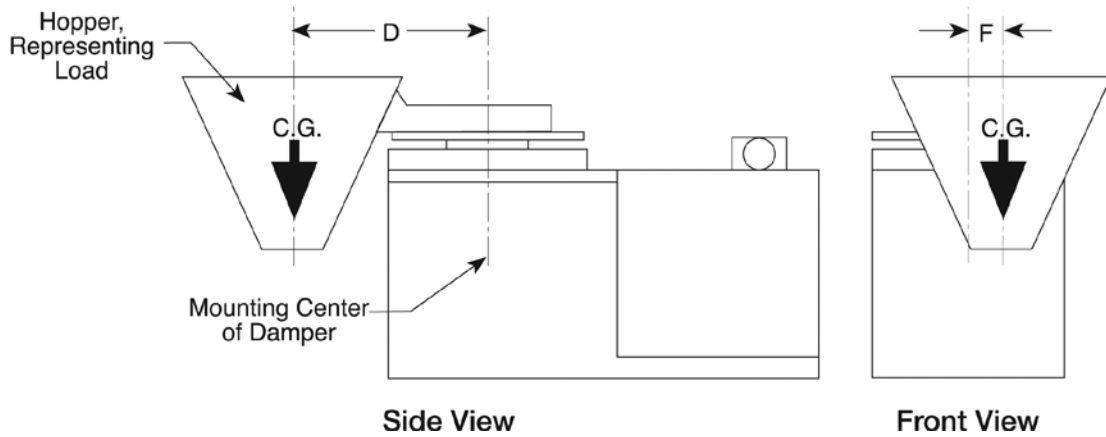
Loading position (cm): D _____ F _____ Drop Height (cm) _____

If C. G. of load varies, max. distance between extreme position (cm): _____

Describe live load (powder, fruit, screws, etc.): _____

Settling time (milliseconds): _____

Accuracy required: _____ Operating temperature range (°C): _____



Return completed form to your Sales Representative.

For Factory use; do not write in space below.

Serial Numbers: _____ Sales Order #: _____

Delivery Quoted: _____ Date: _____

Hardware

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Load Cell Mounting Hardware Safety Guidelines

Install only load cell mounting hardware and assemblies that have been specifically designed for use in tank, hopper or hanging scale applications. Often, the use of an inferior-grade product results in component failure which risks equipment damage and personal injury. These simple suggestions are provided to help minimize your exposure to vessel scale installation hazards.

1. Estimating Gross Load

To select the correct load cell or load cell hardware for a given application, it is necessary to know the total weight on the scale—including the net weight of product, the tare weight of the vessel and the weight of the platform, tank or hopper, as appropriate.

2. Safe Load

Do not exceed the safe load figures listed in Rice Lake Weighing Systems' catalog for any load cell hardware. Where shock loads are present, it may be necessary to derate these safe load figures depending on the severity of the shock load.

3. Load Distribution

In multiple load cell applications, the weight must be evenly distributed between all cells.

4. Threaded Connections

Check that all threads of a threaded connection are in engagement. For example, an eye bolt screwed into an S-type load cell should protrude slightly on the opposite side.

5. Jam Nuts

All threaded connections must be locked with jam nuts against inadvertent disassembly. If a load is suspended from a single load cell, it is critical that the load cannot rotate as this may loosen the jam nut.

6. Wire Rope Assemblies

With wire rope assemblies, do not twist the rope during assembly or disassembly. For example, do not remove a frozen nut from one end of a rope assembly by holding the opposite end.

7. Attachment Points of a Load Cell Hardware Assembly

The attachment points of a load cell hardware assembly must be aligned properly and the assembly should be essentially vertical.

8. Swaying in a Suspended Vessel Scale

If there is excessive swaying in a suspended vessel scale, apply horizontal checking to reduce the amplitude.

9. Safety Backup

If failure of one or more load cell hardware assemblies could cause injury or damage, a safety backup (safety chains, safety rods, etc.) must be used. The assemblies should be inspected routinely for damage, excessive wear or corrosion and replaced if necessary.

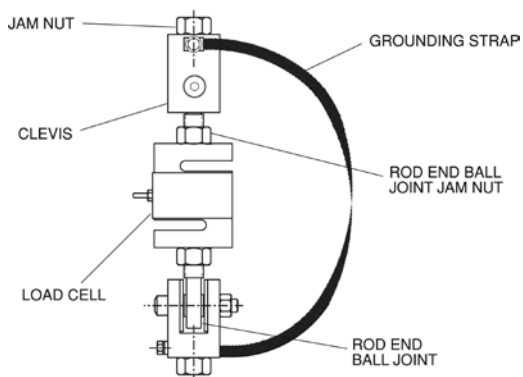
10. Hopper Scales: Guarding Against Contamination

With hopper scales, guard against contamination of the product being weighed in case of failure of the load cell or hardware assembly. For example, do not locate a wire rope assembly over a hopper scale where broken strands of wire could fall into the weighing vessel, contaminating the product being weighed.

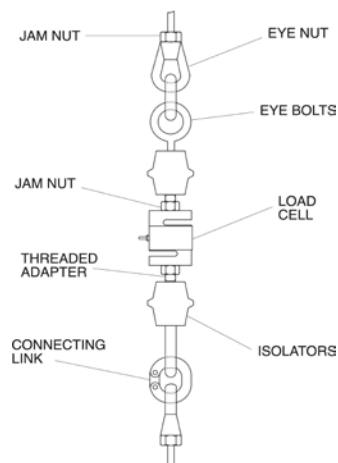
11. Selecting Steel Rod or Any Other Weight-Bearing Components

Select steel rod or any other weight-bearing components so that their minimum tensile strength is at least four times the total weight carried by that component. Note that threaded rod is generally made from a low tensile-strength mild steel which should be checked for tensile strength before use in any suspended vessel scale.

Mounting Assembly Component Identification



ITCM Isolated Tension Cell Mounting Assembly



Conventional Tension Mounting Assembly

Our popular Isolated Tension Cell Mounting ITCM Assembly and other conventional suspended weighing system assemblies employ a variety of serviceable hardware components. Rice Lake Weighing Systems offers a comprehensive selection of these items for all of your suspended vessel service needs. These drawings are designed to enable you to quickly identify and differentiate components from both of these common designs. All corresponding replacement hardware is located on the following pages.

Jam Nuts

Standard Features

- Mild Steel/Stainless Steel
- Coarse or fine thread
- Zinc-plated mild steel or stainless steel



Important: Read "Load Cell Mounting Hardware Safety Guidelines" at the beginning of this section.

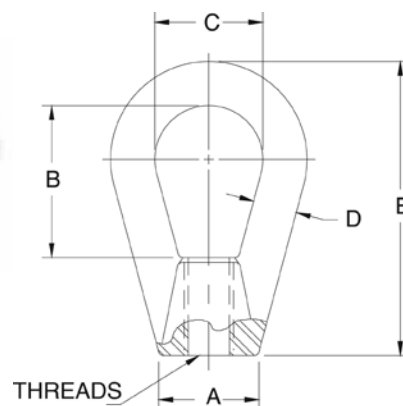
THREAD SIZE	PART #	PRICE
Mild Steel, Fine Thread:		
1/4-28 NF	14639	\$0.30
3/8-24 NF	14651	0.30
1/2-20 NF	14664	1.30
3/4-16 NF	14687	1.30
1-12 NF	14702	5.35
1-14 NF	14703	4.35
1 1/4-12 NF	14708	3.15
1 1/2-12 NF	14711	4.40
Mild Steel, Coarse Thread:		
1/4-20 NC	14636	0.30
3/8-16 NC	14649	1.80
1/2-13 NC	14661	0.30
5/8-11 NC	14676	1.80
3/4-10 NC	14686	0.80
1-8 NC	14701	0.95
1-1/4-7 NC	14707	2.85

THREAD SIZE	PART #	PRICE
Stainless Steel, Fine Thread:		
1/4-28 NF	14640	\$1.05
1/2-20 NF	14665	1.55
3/4-16 NF	14688	2.05
Stainless Steel, Coarse Thread:		
3/8-16 NC	14653	1.80
1/2-13 NC	14662	1.55
5/8-11 NC	14680	1.80
3/4-10 NC	14690	1.85

Eye Nuts

Standard Features

- Drop-forged steel, tapped NC right-hand threads



Part Number/Price

PART #	A	B	C	D	E	THREAD SIZE	SAFE LOAD*	PRICE				
17772	0.50 in	12.7 mm	1.06 in	26.9 mm	0.75 in	19.1 mm	0.25 in 6.4 mm	1.68 in 42.7 mm	1/4-20 NC	500 lb	226.8 kg	\$37.00
17773	0.75 in	19.1 mm	1.18 in	30.0 mm	0.87 in	22.1 mm	0.31 in 7.9 mm	2.25 in 57.2 mm	3/8-16 NC	1800 lb	816.5 kg	22.00
17774	1.00 in	25.4 mm	1.56 in	39.6 mm	1.12 in	28.5 mm	0.43 in 10.9 mm	3.00 in 76.2 mm	1/2-13 NC	3600 lb	1632.9 kg	37.00
17775	1.25 in	31.8 mm	1.93 in	49.0 mm	1.37 in	34.8 mm	0.56 in 14.2 mm	3.75 in 95.3 mm	5/8-11 NC	5800 lb	2630.8 kg	42.00

*Do not exceed the safe load

Coupling Nuts

Standard Features

- Heavy hex



Part Number/Price

PART #	THREAD SIZE	LENGTH	FLAT	SAFE LOAD*	PRICE	
14638	1/4-20 NC	1.75 in	44.5 mm	0.44 in 11.2 mm	500 lb 226.8 kg	\$5.10
14650	3/8-16 NC	1.75 in	44.5 mm	0.62 in 15.8 mm	1500 lb 680.4 kg	5.65
14663	1/2-13 NC	1.75 in	44.5 mm	0.87 in 22.1 mm	3000 lb 1360.8 kg	5.65
14681	5/8-11 NC	2.12 in	53.8 mm	1.06 in 26.9 mm	7500 lb 3402.0 kg	8.25
14691	3/4-10 NC	2.25 in	57.1 mm	1.25 in 31.8 mm	10,000 lb 4535.9 kg	9.35

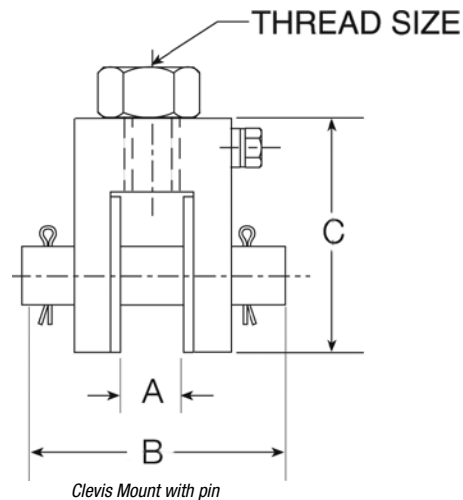
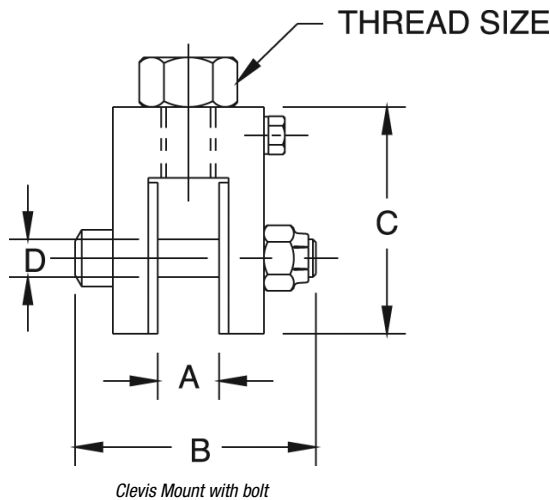
*Do not exceed the safe load

Important: Read "Load Cell Mounting Hardware Safety Guidelines" at the beginning of this section.

Clevis Mount Assemblies

Standard Features

- Mild Steel
- Assembly used in the ITCM
- Adapts rod to rod-end ball joint
- Provides electrical isolation for load cell protection
- Elimination of unwanted side loads
- Optional stainless steel provides enhanced corrosion resistance



Part Number/Price

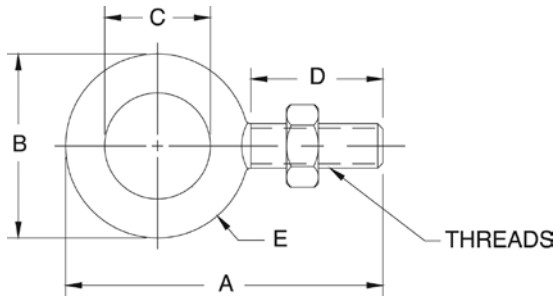
PART #	A	B	C	D	THREAD SIZE	SAFE LOAD*	PRICE					
Mild Steel with bolt:												
17792	0.52 in	13.2 mm	2.38 in	60.5 mm	1.94 in	49.3 mm	0.38 in	9.5 mm	3/8-16 NC	300 lb	136.1 kg	\$75.00
17793	0.52 in	13.2 mm	2.38 in	60.5 mm	1.94 in	49.3 mm	0.38 in	9.5 mm	1/2-13 NC	300 lb	136.1 kg	75.00
17783	0.39 in	9.9 mm	1.81 in	46.0 mm	1.69 in	42.9 mm	0.25 in	6.4 mm	1/2-13 NC	500 lb	226.8 kg	78.00
17784	0.65 in	16.5 mm	2.68 in	68.1 mm	2.31 in	58.7 mm	0.50 in	12.7 mm	3/4-10 NC	4000 lb	1814.4 kg	78.00
17785	0.78 in	19.8 mm	3.37 in	85.6 mm	3.00 in	76.2 mm	0.62 in	15.8 mm	1-8 NC	10,000 lb	4535.9 kg	78.00
17786	0.39 in	9.9 mm	1.81 in	46.0 mm	1.69 in	42.9 mm	0.25 in	6.4 mm	3/8-16 NC	500 lb	226.8 kg	78.00
17787	0.65 in	16.5 mm	2.68 in	68.1 mm	2.31 in	58.7 mm	0.50 in	12.7 mm	1/2-13 NC	2000 lb	907.2 kg	78.00
17788	0.65 in	16.5 mm	2.68 in	68.1 mm	2.31 in	58.7 mm	0.50 in	12.7 mm	5/8-11 NC	2500 lb	1134.0 kg	78.00
17789	0.78 in	19.8 mm	3.37 in	85.6 mm	3.00 in	76.2 mm	0.62 in	15.8 mm	3/4-10 NC	5000 lb	2268.0 kg	78.00
Mild Steel with Pin:												
17790	1.39 in	35.3 mm	4.12 in	104.6 mm	4.50 in	114.3 mm	1.00 in	25.4 mm	1 1/4-7 NC	15,000 lb	6803.9 kg	295.00
17791	1.22 in	31.0 mm	4.12 in	104.6 mm	5.00 in	127.0 mm	1.25 in	31.8 mm	1 1/2-6 NC	20,000 lb	9071.9 kg	295.00
Stainless Steel with Pin:												
33644	0.52 in	13.2 mm	2.38 in	60.5 mm	1.94 in	49.3 mm	0.38 in	9.5 mm	1/2-13 NC	300 lb	136.1 kg	155.00
33643	0.39 in	9.9 mm	1.81 in	46.0 mm	1.69 in	42.9 mm	0.25 in	6.4 mm	1/2-13 NC	500 lb	226.8 kg	155.00
33641	0.39 in	9.9 mm	1.81 in	46.0 mm	1.69 in	42.9 mm	0.25 in	6.4 mm	3/8-16 NC	500 lb	226.8 kg	155.00
33658	0.52 in	13.2 mm	2.38 in	60.5 mm	1.94 in	49.3 mm	0.38 in	9.5 mm	3/8-16 NC	500 lb	226.8 kg	155.00
33642	0.65 in	16.5 mm	2.68 in	68.1 mm	2.31 in	58.7 mm	0.50 in	12.7 mm	3/4-10 NC	4000 lb	1814.4 kg	205.00
33640	0.65 in	16.5 mm	2.68 in	68.1 mm	2.31 in	58.7 mm	0.50 in	12.7 mm	1/2-13 NC	2000 lb	907.2 kg	205.00
33639	0.65 in	16.5 mm	2.68 in	68.1 mm	2.31 in	58.7 mm	0.50 in	12.7 mm	5/8-11 NC	2500 lb	1134.0 kg	205.00
33638	0.78 in	19.8 mm	3.37 in	85.6 mm	3.00 in	76.2 mm	0.62 in	15.8 mm	3/4-10 NC	5000 lb	2268.0 kg	205.00

*Do not exceed the safe load

Load Cell Eye Bolts

Standard Features

- One jam nut included with each eye bolt



Part Number/Price

PART #	A	B	C	D	E	THREAD SIZE	SAFE LOAD*	PRICE						
Mild Steel:														
17705	2.25 in	57.2 mm	1.25 in	31.8 mm	0.75 in	19.1 mm	1.00 in	25.4 mm	0.25 in	6.4 mm	1/4-28 NF	500 lb	226.8 kg	\$17.00
17707	2.91 in	73.9 mm	1.66 in	42.2 mm	1.00 in	25.4 mm	1.25 in	31.8 mm	0.33 in	8.4 mm	3/8-24 NF	1300 lb	589.7 kg	17.00
17709	3.56 in	90.4 mm	2.06 in	52.3 mm	1.19 in	30.2 mm	1.50 in	38.1 mm	0.44 in	11.2 mm	1/2-20 NF	2400 lb	1088.6 kg	20.00
17711	4.25 in	108.0 mm	2.50 in	63.5 mm	1.37 in	34.8 mm	1.75 in	44.5 mm	0.56 in	14.2 mm	5/8-18 NF	4000 lb	1814.4 kg	26.00
17713	4.81 in	122.2 mm	2.81 in	71.4 mm	1.50 in	38.1 mm	2.00 in	50.8 mm	0.66 in	16.8 mm	3/4-16 NF	5000 lb	2267.9 kg	57.00
17715	6.06 in	153.9 mm	3.56 in	90.4 mm	1.81 in	46.0 mm	2.50 in	63.5 mm	0.87 in	22.1 mm	1-12 NF	9000 lb	4082.3 kg	92.00
17716	6.06 in	153.9 mm	3.56 in	90.4 mm	1.81 in	46.0 mm	2.50 in	63.5 mm	0.87 in	22.1 mm	1-14 NS	9000 lb	4082.3 kg	92.00
17704	2.25 in	57.2 mm	1.25 in	31.8 mm	0.75 in	19.1 mm	1.00 in	25.4 mm	0.25 in	6.4 mm	1/4-20 NC	500 lb	226.8 kg	16.00
17706	2.91 in	73.9 mm	1.66 in	42.2 mm	1.00 in	25.4 mm	1.25 in	31.8 mm	0.33 in	8.4 mm	3/8-16 NC	1300 lb	589.7 kg	16.00
17708	3.56 in	90.4 mm	2.06 in	52.3 mm	1.19 in	30.2 mm	1.50 in	38.1 mm	0.44 in	11.2 mm	1/2-13 NC	2400 lb	1088.6 kg	18.00
17710	4.25 in	108.0 mm	2.50 in	63.5 mm	1.37 in	34.8 mm	1.75 in	44.5 mm	0.56 in	14.2 mm	5/8-11 NC	4000 lb	1814.4 kg	28.00
17712	4.81 in	122.2 mm	2.81 in	71.4 mm	1.50 in	38.1 mm	2.00 in	50.8 mm	0.66 in	16.8 mm	3/4-10 NC	5000 lb	2267.9 kg	46.00
17714	6.06 in	153.9 mm	3.56 in	90.4 mm	1.81 in	46.0 mm	2.50 in	63.5 mm	0.87 in	22.1 mm	1-8 NC	9000 lb	4082.3 kg	48.00
17717	7.44 in	189.0 mm	4.44 in	112.8 mm	2.19 in	55.6 mm	3.00 in	76.2 mm	1.12 in	28.4 mm	1 1/4-7 NC	15,000 lb	6803.9 kg	137.00

*Do not exceed the safe load

Important: Read "Load Cell Mounting Hardware Safety Guidelines" at the beginning of this section.

Rod End Ball Joints

Standard Features

- Used in the ITCM assembly
- One jam nut included with each rod end ball joint
- Standard or PTFE-lined
- Optional stainless steel provides enhanced corrosion resistance for hostile environments

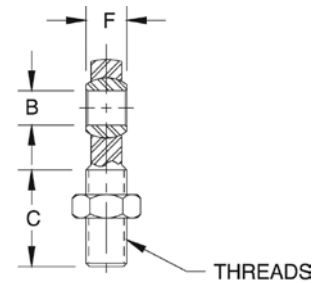
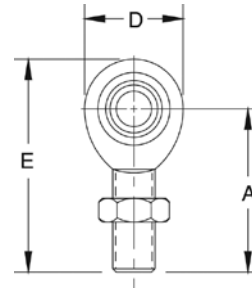


PTFE Lined Standard

Part Number/Price

PART #	SAFE LOAD*	BREAKING STRENGTH			PTFE LINED	PRICE
Mild Steel:						
17746	975lb	453.6 kg	3915lb	1913.3 kg	YES	\$28.00
17734	1200lb	544.3 kg	4916lb	2229.9 kg	NO	19.00
17736	4000lb	1814.4 kg	16,238lb	7365.5 kg	NO	55.00
17738	7000lb	3175.2 kg	28,081lb	12,737.4 kg	NO	93.00
17735	2000lb	907.2 kg	8075lb	3662.8 kg	NO	24.00
17737	3250lb	1474.2 kg	13,831lb	6273.7 kg	NO	36.00
17739	500lb	226.8 kg	2158lb	978.9 kg	YES	28.00
17740	4000lb	1814.4 kg	16,238lb	7365.5 kg	YES	49.00
17741	10,000lb	4535.9 kg	40,572lb	18,403.2 kg	YES	70.00
17742	10,500lb	4762.7 kg	43,541lb	19,749.9 kg	NO	135.00
26007	15,000lb	6803.9 kg	76,200lb	34,563.8 kg	YES	260.00
17747	19,000lb	8618.3 kg	76,200lb	34,563.8 kg	YES	325.00
17743	20,000lb	9071.9 kg	79,728lb	36,164.1 kg	NO	232.00
17744	24,000lb	10,886.2 kg	96,510lb	43,776.3 kg	NO	335.00
17745	55,000lb	24,947.7 kg	225,457lb	102,265.9 kg	NO	340.00
Stainless Steel:						
33506	1500lb	680.4 kg	7362lb	3339.4 kg	YES	125.00
33505	500lb	226.8 kg	2158lb	978.9 kg	YES	125.00
33507	3000lb	1360.8 kg	16,238lb	7365.5 kg	YES	135.00
33508	7,000lb	3175.2 kg	40,572lb	18,403.2 kg	YES	315.00

*Do not exceed the safe load



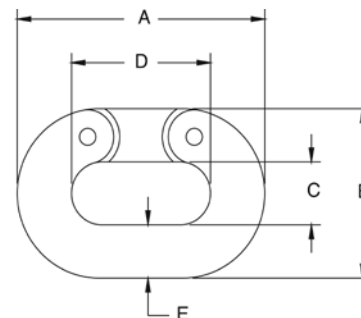
Dimensions

PART #	A	B	C	D	E	F	THREAD SIZE
Mild Steel:							
17746	1.94 in	49.3 mm	0.37 in	9.4 mm	1.25 in	31.8 mm	1.00 in
17734	1.94 in	49.3 mm	0.37 in	9.4 mm	1.25 in	31.8 mm	1.00 in
17736	2.44 in	62.0 mm	0.50 in	12.7 mm	1.50 in	38.1 mm	1.31 in
17738	2.87 in	72.9 mm	0.75 in	19.1 mm	1.75 in	44.5 mm	1.75 in
17735	2.44 in	62.0 mm	0.50 in	12.7 mm	1.50 in	38.1 mm	1.31 in
17737	2.87 in	72.9 mm	0.75 in	19.1 mm	1.75 in	44.5 mm	1.75 in
17739	1.56 in	39.6 mm	0.25 in	6.4 mm	1.00 in	25.4 mm	0.75 in
17740	2.44 in	62.0 mm	0.50 in	12.7 mm	1.50 in	38.1 mm	1.31 in
17741	2.87 in	72.9 mm	0.62 in	15.8 mm	1.75 in	44.5 mm	1.75 in
17742	4.12 in	104.7 mm	1.00 in	25.4 mm	2.12 in	53.9 mm	2.75 in
26007	4.12 in	104.7 mm	1.00 in	25.4 mm	2.12 in	53.9 mm	2.75 in
17747	4.12 in	104.7 mm	1.00 in	25.4 mm	2.12 in	53.9 mm	2.75 in
17743	4.12 in	104.7 mm	1.25 in	31.8 mm	2.12 in	53.9 mm	2.75 in
17744	5.37 in	136.4 mm	1.50 in	38.1 mm	3.00 in	76.2 mm	3.50 in
17745	8.00 in	203.2 mm	2.00 in	50.8 mm	4.62 in	117.4 mm	5.00 in
Stainless Steel:							
33506	1.94 in	49.3 mm	.37 in	9.4 mm	1.25 in	31.8 mm	1.00 in
33505	1.56 in	39.6 mm	.25 in	6.4 mm	1.00 in	25.4 mm	.75 in
33507	2.44 in	62.0 mm	.50 in	12.7 mm	1.50 in	38.1 mm	1.31 in
33508	2.87 in	72.9 mm	.62 in	15.8 mm	1.75 in	44.5 mm	1.75 in

Connecting Links

Standard Features

- Drop-forged carbon steel, heat-treated, hot-dipped galvanized finish



Part Number/Price

PART #	A	B	C	D	E	SAFE LOAD*	PRICE						
17794	1.50 in	38.1 mm	1.00 in	25.4 mm	0.43 in	10.9 mm	0.87 in	22.1 mm	0.25 in	6.4 mm	1325 lb	601.6 kg	\$30.00
17795	2.06 in	52.3 mm	1.37 in	34.8 mm	0.56 in	14.2 mm	1.12 in	28.5 mm	0.37 in	9.4 mm	2750 lb	1247.4 kg	32.00
17796	2.65 in	67.3 mm	1.71 in	43.4 mm	0.65 in	16.5 mm	1.46 in	37.1 mm	0.50 in	12.7 mm	4750 lb	2154.6 kg	32.00
17797	3.31 in	84.1 mm	2.09 in	53.1 mm	0.78 in	19.8 mm	1.81 in	46.0 mm	0.62 in	15.8 mm	7250 lb	3288.6 kg	43.00
17798	3.87 in	98.3 mm	2.50 in	63.5 mm	0.93 in	23.6 mm	2.12 in	53.9 mm	0.75 in	19.1 mm	10,250 lb	4649.3 kg	60.00
17799	5.00 in	127.0 mm	3.31 in	84.1 mm	1.25 in	31.8 mm	2.75 in	69.9 mm	1.00 in	25.4 mm	15,500 lb	7030.7 kg	97.00

*Do not exceed the safe load

Load Cell Isolators

Standard Features

- Power surges such as those caused by welding or electrical shorts frequently damage load cells and indicators. To PreVent such damage, these isolators electrically separate the mechanical assembly from its tension-type load cell.



Part Number/Price

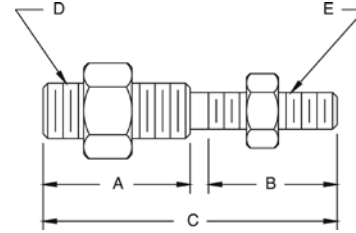
PART #	HEIGHT	THREAD SIZE	MAX. DIA	SAFE LOAD*	PRICE				
17722	3/8	16 NC	2.50	63.5 mm	2.50	63.5 mm	600 lb	272.2 kg	\$34.00
17724	1/2	13 NC	2.50	63.5 mm	2.50	63.5 mm	600 lb	272.2 kg	41.00
17726	1/2	20 NF	2.50	63.5 mm	2.50	63.5 mm	600 lb	272.2 kg	48.00
17725	1/2	13 NC	2.43	61.7 mm	2.00	50.8 mm	3000 lb	1360.8 kg	95.00
17723	3/8	24 NF	2.50	63.5 mm	2.50	63.5 mm	600 lb	272.2 kg	75.00
17728	1/2	13 NC x 1/2-20 NF	2.50	63.5 mm	2.50	63.5 mm	600 lb	272.2 kg	52.00
17732	1/4	20 NC	1.00	25.4 mm	1.12	28.4 mm	250 lb	113.4 kg	38.00

*Do not exceed the safe load

Threaded Adapters

Standard Features

- For coupling isolators with load cells and steelyard rods
- Supplied with jam nuts
- Now in stronger, more durable stainless steel



Part Number/Price

PART #	A		B		C		D	E	SAFE LOAD*		PRICE
33561	—	—	—	—	2.00 in	50.8 mm	1/4-28 NF	1/4-28 NF	300 lb	136.1 kg	\$20.00
33562	0.94 in	23.9 mm	0.94 in	23.9 mm	2.00 in	50.8 mm	1/4-28 NF	1/4-20 NC	300 lb	136.1 kg	21.00
33563	0.92 in	23.3 mm	1.02 in	25.9 mm	2.06 in	52.3 mm	1/4-28 NF	3/8-24 NF	300 lb	136.1 kg	20.00
33564	0.94 in	23.9 mm	0.94 in	23.9 mm	2.00 in	50.8 mm	1/4-28 NF	3/8-16 NC	300 lb	136.1 kg	20.00
33565	1.06 in	26.9 mm	1.06 in	26.9 mm	2.25 in	57.2 mm	1/4-20 NC	3/8-16 NC	300 lb	136.1 kg	22.00
33567	1.06 in	26.9 mm	1.06 in	26.9 mm	2.25 in	57.2 mm	1/4-28 NF	1/2-13 NC	300 lb	136.1 kg	22.00
33568	—	—	—	—	2.00 in	50.8 mm	3/8-24 NF	3/8-24 NF	500 lb	226.8 kg	31.00
33569	0.91 in	23.1 mm	0.91 in	23.1 mm	2.00 in	50.8 mm	3/8-16 NC	3/8-24 NF	500 lb	226.8 kg	25.00
33570	1.06 in	26.9 mm	1.06 in	26.9 mm	2.25 in	57.2 mm	3/8-24 NF	1/2-13 NC	500 lb	226.8 kg	22.00
33571	1.31 in	33.3 mm	1.31 in	33.3 mm	2.75 in	69.9 mm	1/2-13 NC	5/8-11 NC	3000 lb	1360.8 kg	22.00
33572	0.87 in	22.0 mm	0.87 in	22.0 mm	2.00 in	50.8 mm	1/2-13 NC	1/2-20 NF	3000 lb	1360.8 kg	25.00
33573	—	—	—	—	2.06 in	52.3 mm	1/2-20 NF	1/2-20 NF	3000 lb	1360.8 kg	25.00
33574	1.31 in	33.3 mm	1.31 in	33.3 mm	2.75 in	69.9 mm	1/2-20 NF	5/8-11 NC	3000 lb	1360.8 kg	27.00
33575	1.31 in	33.3 mm	1.31 in	33.3 mm	3.00 in	76.2 mm	3/4-16 NF	3/4-10 NC	7000 lb	3175.2 kg	29.00

*Do not exceed the safe load

Important: Read "Load Cell Mounting Hardware Safety Guidelines" at the beginning of this section.

ITCM - Isolated Tension Cell Mount Hardware Kits

The Isolated Tension Cell Mount ITCM is a mounting assembly designed for tension mounting S-beam load cells in suspended hopper assemblies and mechanical scale conversions. The ITCM incorporates clevis and unique rod end ball joint assemblies to reduce the overall length to less than half of the traditional tension cell mounts, while providing correct load alignment. In addition, the load cell is completely electrically isolated from stray currents, a major cause of load cell failure. To complete the design, a grounding strap connects the two clevis assemblies to further guarantee safety to your load cells.

Applications

- Suspended hoppers
- Mechanical scale conversions
- Replaces traditional eye bolt, isolator configurations
- Standard Features

Standard Features

- Provides greater safety than traditional/suspension configurations
- Complete package for ease of installation
- Built-in electrical isolation without having to use isolators (not available on 20,000 lb/9071.9 kg version)
- Provides correct load cell loading even in difficult installations
- Dramatically reduces overall length
- Capacities from 100 lb/45.4 kg to 20,000 lb/9071.9 kg
- Clevis mounts with nylon insulating washers
- PTFE-lined rod end ball joints (not available on 20,000 lb/9071.9 kg version)
- Completely isolates load cell from stray currents
- Grounding strap for electrical continuity
- Zinc plated clevis

Part Number/Price

PART #	LOAD RATING		CLEVIS THREAD	ROD END THREAD	*SAFELOAD		PRICE
Mild Steel:							
17968	300 lb	136.1 kg	3/8-16	3/8-24	300 lb	136.1 kg	\$185.00
17969	300 lb	136.1 kg	1/2-13	3/8-24	300 lb	136.1 kg	185.00
17894	500 lb	226.8 kg	3/8-16	1/4-28	500 lb	226.8 kg	185.00
17895	500 lb	226.8 kg	1/2-13	1/4-28	500 lb	226.8 kg	185.00
17896	2000 lb	907.2 kg	1/2-13	1/2-20	2000 lb	907.2 kg	210.00
17897	2500 lb	1134.0 kg	5/8-11	1/2-20	2500 lb	1134.0 kg	210.00
17898	4000 lb	1814.4 kg	3/4-10	1/2-20	4000 lb	1814.4 kg	210.00
17899	5000 lb	2268.0 kg	3/4-10	3/4-16	5000 lb	2268.0 kg	270.00
17900	10,000 lb	4535.9 kg	1-8	3/4-16	10,000 lb	4535.9 kg	270.00
17958	†15,000 lb	6803.9 kg	1 1/4-7	1-12	15,000 lb	6803.9 kg	1,015.00
63166	††15,000 lb	6803.9 kg	1 1/4-7	1-14	15,000 lb	6803.9 kg	955.00
17959	**20,000 lb	9071.9 kg	1 1/2-6	1 1/4-12	20,000 lb	9071.9 kg	915.00
Stainless Steel:							
33630	500 lb	226.8 kg	3/8-16	3/8-24	500 lb	226.8 kg	415.00
33631	300 lb	136.1 kg	1/2-13	3/8-24	300 lb	136.1 kg	415.00
33632	500 lb	226.8 kg	3/8-16	1/4-28	500 lb	226.8 kg	415.00
33633	500 lb	226.8 kg	1/2-13	1/4-28	500 lb	226.8 kg	415.00
33634	2000 lb	907.2 kg	1/2-13	1/2-20	2000 lb	907.2 kg	515.00
33635	2500 lb	1134.0 kg	5/8-11	1/2-20	2500 lb	1134.0 kg	515.00
33636	3000 lb	1360.8 kg	3/4-10	1/2-20	3000 lb	1360.8 kg	515.00
33637	5000 lb	2268.0 kg	3/4-10	3/4-16	5000 lb	2268.0 kg	915.00

Hardware kits do not include load cell

*Do not exceed the safe load ** Not electrically isolated

† For use with RL20000-15,000 lb load cell †† For use with RL20001-15,000 lb load cell

Important: Read "Load Cell Mounting Hardware Safety Guidelines" at the beginning of this section.

Note: Replacement parts for mounts can be in the Replacement Parts Catalog.



Mount only - does not include load cell

Grounding Strap

Standard Features

- Used in the ITCM assembly
- Tinned copper braid
- Crimped sleeve on ends with .25in (6.4mm) hole
- Available in 12in (304.8mm), 14in (355.6mm), 16in (406.4mm), 24in (609.6mm) or 32in (812.8mm) lengths

Part Number/Price

PART #	LENGTH		PRICE
17778	12in	(304.8mm)	\$10.25
17779	14in	(355.6mm)	12.00
17780	16in	(406.4mm)	13.00
17781	24in	(609.6mm)	13.25
17782	32in	(812.8mm)	21.50



Important: Read "Load Cell Mounting Hardware Safety Guidelines" at the beginning of this section.

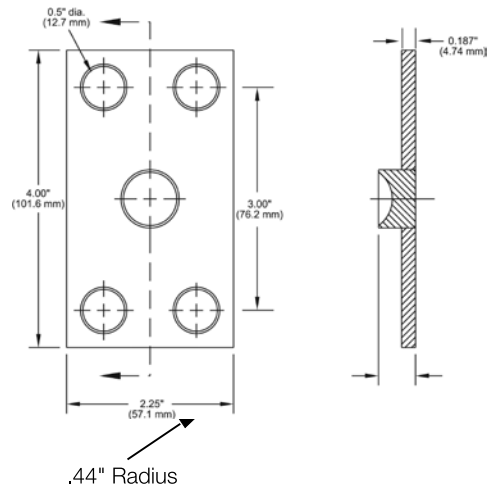
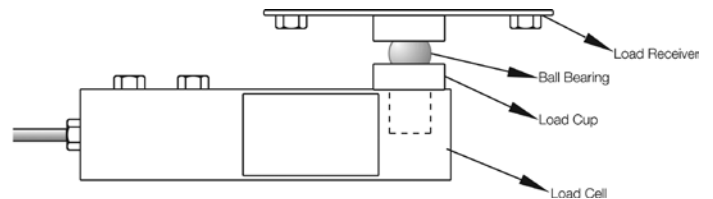
Load Receiver Plate

Standard Features

- Design offers accurate point loading
- Self-centering effect built in
- Ease of manufacture for custom applications
- Use with load cup and ball bearings to build a custom scale
- Ball and cup load introduction provides point loading for maximum accuracy
- Stainless steel construction

Part Number/Price

PART #	DESCRIPTION	PRICE
18832	Load receiver plate	\$45.00 each



Ball Bearings

Standard Features

- Use with load cup and load receiver to build a custom scale
- 52100 chrome alloy steel

Part Number/Price

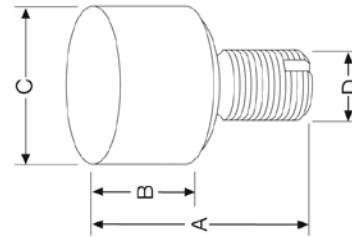
PART #	DRAWING DIMENSIONS	PRICE
18815	5/8 in diameter crush strength 32,000 lbs	\$14.00
18816	7/8 in diameter crush strength 59,000 lbs	16.00
65841	1.25 in diameter crush strength 100,00 lbs	27.00



Load Cups

Standard Features

- Ball and cup load introduction provides point loading for maximum accuracy
- For use with most popular single-ended beams



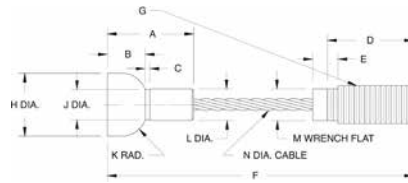
Part Number/Price

PART #	A		B		C		D		PRICE
31911	1.70 in	43.2 mm	0.54 in	13.7 mm	1.07 in	27.2 mm	1/2-20 NF	\$45.00	
33654	1.12 in	28.4 mm	0.54 in	13.7 mm	0.78 in	19.8 mm	1/2-20 NF	31.00	
33653	1.50 in	38.1 mm	0.80 in	20.3 mm	1.12 in	28.4 mm	3/4-16 NF	33.00	
33652	2.00 in	50.8 mm	0.85 in	21.6 mm	1.75 in	44.5 mm	1-12 NF	80.00	
33651	2.85 in	72.4 mm	0.85 in	21.6 mm	1.75 in	44.5 mm	1-12 NF	115.00	
33650	2.85 in	72.4 mm	0.85 in	21.6 mm	1.75 in	44.5 mm	1-14 NF	115.00	
33647	2.75 in	69.9 mm	0.50 in	12.7 mm	0.75 in	19.1 mm	1/2-20 NF	39.00	
72364	1.78 in	45.2 mm	0.53 in	13.4 mm	0.78 in	19.8 mm	1/2-20 NF	55.00	
69431	Replacement cup for Cardinal SCA-50 K load cell								54.00

Cardinal® Wire Rope Replacement Assemblies

Standard Features

- EL208 Cardinal wire rope assembly. Used on 7500 lb (3402.0 kg) capacity FH model and 8000 lb (3628.7 kg) capacity EP model.
- EL209 Cardinal wire rope assembly. Used on 20,000 lb (9071.9 kg) capacity FH and EP models. May also be used on 15,000 lb (6803.9 kg) capacity FH and EP models.

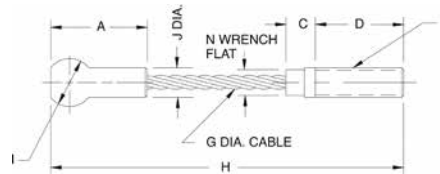


Part # 17767 EL209

Custom Wire Ropes

Standard Features

- Custom wire ropes are available for your specific applications
- When ordering, please supply us with the specifications listed at right, a sample if possible, the required tension rating and total capacity



Part # 17763 EL208

Part Number/Price

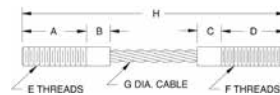
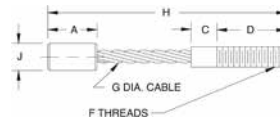
PART #	A	B	C	D	E	F	G	H	I	J	K	L & M	N	PRICE
17763	1.50 in	-	0.50 in	1.50 in	-	1/2-13NC in	0.25 in	6.00 in	0.81 in	0.43 in	-	-	0.43 in	\$65.00
	38.1 mm	-	12.7 mm	38.1 mm	-	-	6.4 mm	152.4 mm	20.6 mm	10.9 mm	-	-	10.9 mm	
17767	1.71 in	0.75 in	0.09 in	2.00 in	0.43 in	6.31 in	3/4-10 UNC-2A in	1.25 in	-	0.60 in	0.50 in	0.625 in	0.375 in	95.00
	43.4 mm	19.1 mm	2.3 mm	50.8 mm	10.9 mm	160.3 mm		31.8 mm	-	15.2 mm	12.7 mm	15.9 mm	9.5 mm	

Important: Read "Load Cell Mounting Hardware Safety Guidelines" at the beginning of this section.

Wire Rope Assemblies

Standard Features

- Wire rope assemblies provide better alignment and greatly increase load cell repeatability. In addition, they act as natural vibration dampeners.



Part Number/Price

PART #	A	B & C	D	E	F	G	H	SAFE LOAD*	PRICE
17760	0.87 (22.1)	0.50 (12.7)	0.87 (22.1)	1/4-20 NC-2A	1/4-28 NF-2A	0.12 (3.1)	4.00 (101.6)	400 lb (181.4 kg)	\$45.00
17762	1.25 (31.8)	0.50 (12.7)	1.25 (31.8)	3/8-16 NC-2A	3/8-24 NF-2A	0.18 (4.6)	5.00 (127.0)	850 lb (385.6 kg)	53.00
17766	1.62 (41.1)	0.50 (12.7)	1.62 (41.1)	1/2-13 NC-2A	1/2-20 NF-2A	0.25 (6.4)	6.50 (165.1)	1400 lb (635.0 kg)	56.00
17765	1.62 (41.1)	0.50 (12.7)	1.62 (41.1)	1/2-13 NC-2A	1/2-20 NF-2A	0.25 (6.4)	5.50 (139.7)	1400 lb (635.0 kg)	65.00
17764	1.00 (25.4)	-	1.37 (34.8)	1/2-20 NF-2A	1/2-20 NF-2A	0.25 (6.4)	4.00 (101.6)	1400 lb (635.0 kg)	85.00
17768	2.00 (50.8)	-	2.50 (63.5)	3/8-24 NF-2A	3/8-24 NF-2A	0.12 (3.1)	5.50 (139.7)	400 lb (181.4 kg)	125.00
17769**	1.25 (31.8)	-	0.75 (19.1)	1/4-28 NF-2A	1/4-28 NF-2A	0.12 (3.1)	3.00 (76.2)	400 lb (181.4 kg)	78.00
17771**	1.25 (31.8)	-	0.75 (19.1)	1/2-20 NF-2A	1/2-20 NF-2A	0.25 (6.4)	3.00 (76.2)	1400 lb (635.0 kg)	60.00
115292***	1.25 (31.8)	-	0.75 (19.1)	1/4-28 NF-2A	1/4-28 NF-2A	0.12 (3.1)	3.00 (76.2)	400 lb (181.4 kg)	80.00
33084****	1.31 (33.2)	-	1.00 (25.4)	1/2-20NF	1/2-20NF	0.125 (3.1)	3.00 (76.2)	850 lb (385.6 kg)	75.00

*Do not exceed the safe load

**Used with Rice Lake Weighing Systems Flexure Bases

***Stainless Steel

****Used with Rice Lake Weighing Systems FXB Flexure Bases

Custom Wire Rope Definition

Customer's Name: _____

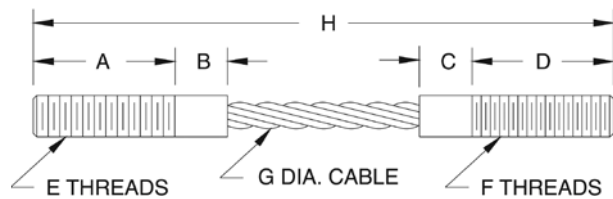
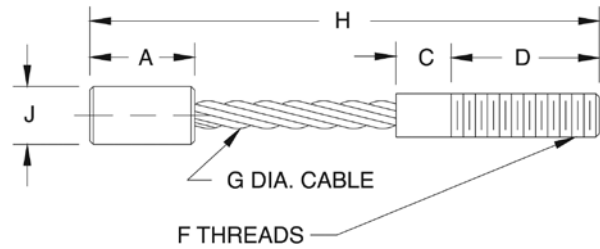
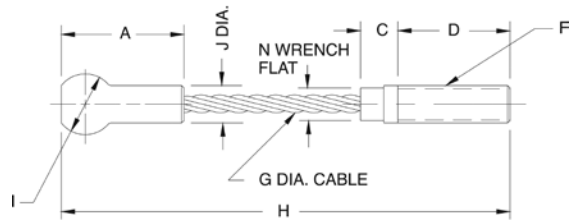
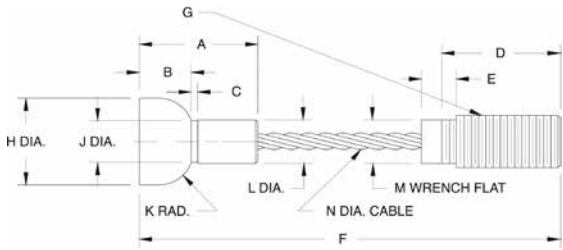
Contact Person: _____

Date: _____

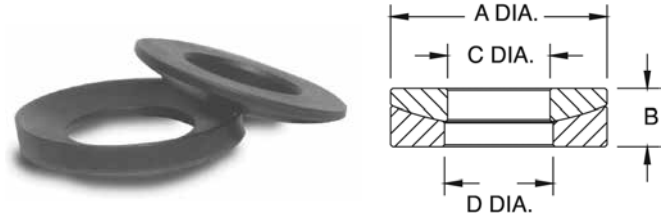
Application: _____

WIRE ROPE*		
A Thread Length	F Threads	K Safe Load
B Shank Length	G Rope Diameter	L Environment
C Shank Length	H Overall Length	M Application
D Thread Length	I Ball Diameter	
E Threads	J Shank Diameter	

*Use drawings below for reference



Spherical Washer Sets



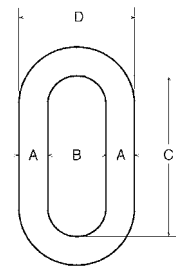
Part Number/Price

PART #	BOLT SIZE	A	B	C	D	PRICE
Mild Steel:						
15196	0.25 in	6.4 mm	0.62 in	15.8 mm	0.20 in	5.1 mm
15197	0.38 in	9.7 mm	0.88 in	22.4 mm	0.25 in	6.4 mm
15198	0.50 in	12.7 mm	1.12 in	28.5 mm	0.31 in	7.9 mm
15199	0.62 in	15.8 mm	1.38 in	35.1 mm	0.31 in	7.9 mm
15200	0.75 in	19.1 mm	1.62 in	41.1 mm	0.38 in	9.7 mm
15201	1.00 in	25.4 mm	2.00 in	50.8 mm	0.50 in	12.7 mm
15202	1.25 in	31.8 mm	2.62 in	66.6 mm	0.50 in	12.7 mm
15203	1.50 in	38.1 mm	2.88 in	73.2 mm	0.53 in	13.5 mm
15205	2.00 in	50.8 mm	3.88 in	98.6 mm	0.81 in	20.6 mm
Stainless Steel:						
33218	0.50 in	12.7 mm	1.12 in	28.5 mm	0.31 in	7.9 mm
33220	0.75 in	19.1 mm	1.62 in	41.1 mm	0.38 in	9.7 mm

Weldless End Links

Standard Features

- Self colored or hot-dip galvanized
- Forged carbon steel—quenched and tempered



Part Number/Price

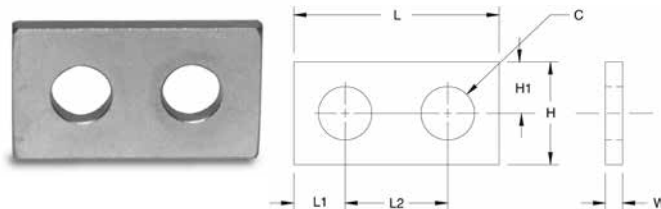
PART #	A	B	C	D	SAFE LOAD*	PRICE
F312L	0.625 in	15.9 mm	1.00 in	25.4 mm	3.25 in	82.6 mm
17810	0.875 in	22.2 mm	2.00 in	50.8 mm	5.13 in	130.3 mm
21911	1.00 in	22.2 mm	2.25 in	57.2 mm	5.75 in	146.1 mm
65430	1.25 in	31.8 mm	2.50 in	63.5 mm	7.00 in	177.8 mm
21912	1.375 in	34.9 mm	2.75 in	69.9 mm	7.75 in	196.9 mm

*Do not exceed the safe load

Load Cell Spacers

Standard Features

- Use with most popular single-ended beams
- Provides flat mounting surface required for optimum load cell performance
- Zinc-plated mild steel or stainless steel



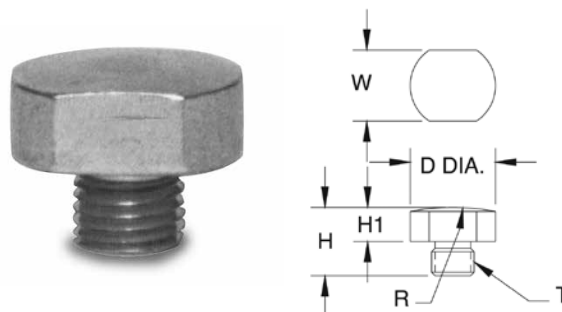
Part Number/Price

PART #	C	H	H1	L	L1	L2	W	PRICE							
Mild Steel:															
17754	0.53 in	13.4 mm	1.25 in	31.8 mm	0.62 in	15.7 mm	2.25 in	57.2 mm	0.62 in	15.7 mm	1.00 in	25.4 mm	0.25 in	6.4 mm	\$22.00
17755	0.78 in	19.8 mm	1.50 in	38.1 mm	0.75 in	19.1 mm	3.00 in	76.2 mm	0.75 in	19.1 mm	1.50 in	38.1 mm	0.25 in	6.4 mm	22.00
17756	1.03 in	26.2 mm	2.00 in	50.8 mm	1.00 in	25.4 mm	4.00 in	101.6 mm	1.00 in	25.4 mm	2.00 in	50.8 mm	0.25 in	6.4 mm	23.00
18260	0.53 in	13.4 mm	1.25 in	31.8 mm	0.62 in	15.7 mm	2.25 in	57.2 mm	0.62 in	15.7 mm	1.00 in	25.4 mm	0.37 in	9.4 mm	25.00
Stainless Steel:															
17757	0.78 in	19.8 mm	1.50 in	38.1 mm	0.75 in	19.1 mm	3.00 in	76.2 mm	0.75 in	19.1 mm	1.50 in	38.1 mm	0.25 in	6.4 mm	30.00
18383	0.53 in	13.4 mm	1.25 in	31.8 mm	0.62 in	15.7 mm	2.25 in	57.2 mm	0.62 in	15.7 mm	1.00 in	25.4 mm	0.37 in	9.4 mm	26.00
18411	0.53 in	13.4 mm	1.25 in	31.8 mm	0.62 in	15.7 mm	2.25 in	57.2 mm	0.62 in	15.7 mm	1.00 in	25.4 mm	0.25 in	6.4 mm	25.00

Load Button

Standard Features

- Suitable for use with compression mounting assemblies, canisters, S-beams and single-ended beams
- Hardened alloy steel



Part Number/Price

PART #	T	D	H	H1	R	W	PRICE					
17750	3/8-24 UNF	0.75 in	19.1 mm	0.60 in	15.2 mm	0.30 in	7.6 mm	2.00 in	50.8 mm	0.63 in	16.0 mm	\$30.00
17751	1/2-20 UNF	0.75 in	19.1 mm	0.70 in	17.8 mm	0.30 in	7.6 mm	4.00 in	101.6 mm	0.63 in	16.0 mm	24.00
17752	3/4-16 UNF	1.50 in	38.1 mm	0.90 in	22.9 mm	0.30 in	7.6 mm	6.00 in	152.4 mm	1.25 in	31.8 mm	41.00

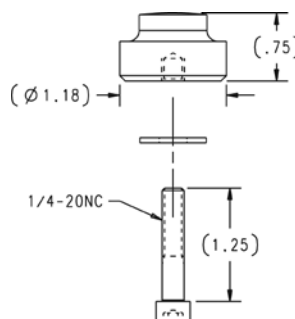
Load Button Insert Kit

Standard Features

- To be used with RLSSB and RTISSB load cells (1 k-5 k)
- Hardened alloy steel

Part Number/Price

PART #	DESCRIPTION	PRICE
26112	Load button insert kit	\$30.00



Standard Features

- Replacement foot, adapts to most floor scales
- Use with single-ended beams to provide large, flat, adjustable introduction surface
- Special neoprene rubber sandwich base gives high accuracy, linearity and repeatability



Part Number/Price

PART #	MATERIAL	THREAD SIZE	BASE HT.		TOTAL HT.		DIAMETER		PRICE
18756	Stainless Steel	1/2-20 UNF	0.75 in	19.1 mm	2.62 in	66.5 mm	3.47 in	88.1 mm	\$45.00
39021	Mild Steel	3/4-16 UNF-2B	0.875 in	22.3 mm	3.25 in	82.3 mm	4.40 in	111.76 mm	86.00
39022	Mild Steel	3/4-16 UNF-2B	0.875 in	22.3 mm	4.06 in	103.1 mm	5.40 in	137.16 mm	125.00
110930	Mild Steel	1-14 UNF	1.0 in	25.4 mm	4.06 in	103.1 mm	5.40 in	137.16 mm	180.00
42130	Stainless Steel	M12			2.62 in	67 mm	3.47 in	88.1 mm	95.00

Flintec™ Adjustable Rubber Foot

Standard Features

- Designed for platform scales containing Flintec SLB load cell
- Blind hole introduction
- Low profile
- Height adjustable by rotation
- Including spacer
- Stainless Steel



Part Number/Price

PART #	FOOT DIAMETER		LOAD CELL CAPACITY	PRICE
Flintec SLB, SB4, SB5, SB14 and SB6				
46230	2.36 in	60 mm	200-500 lb	\$56.00
77561	3.14 in	80 mm	1000-5000 lb	56.00
Flintec BK2				
87096	3.140 in	80 mm	200 kg-2000 kg	56.00

Bench Scale Feet

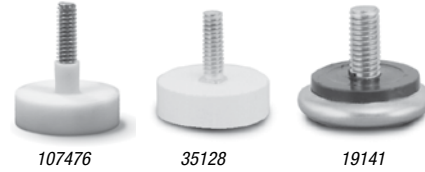
Standard Features

Rubber Pad

- 1/4-20NC threads

Stainless Steel

- 3/8-16 threads



Part Number/price

PART #	DESCRIPTION	PRICE
Rubber Pad		
35128	Bench Scale Feet	\$12.75
107476	CW 90/CW 90X Feet	19.00
Stainless Steel		
19141	Bench Scale Feet	5.50

Polyurethane Rubber Leveling

Standard Features

- 3 in (76.2mm) overall height, all diameters
- Stainless steel stem for corrosion resistance
- Heavy-duty construction, low cost replacement feet
- Four standard diameters all with 1/2-20 UNF SS stud, slotted for top-access applications
- Zinc plated carbon steel jam nut provided
- Top of stud is machined undersize 10% for easy alignment into load cell



Part Number/Price

PART #	FOOT DIAMETER	HEIGHT	PRICE
74585	1.87 in	3 in	\$28.00
74586	2.00 in	3 in	28.00
74587	2.50 in	3 in	28.00
73801	3.00 in	3 in	28.00

Captured Ball Floor Scale Leveling Feet

Standard Features

Carbon Steel

- Bright zinc and clear chromate plating for corrosion-resistance
- Active ball suspension provides ideal load cell loading with maximum side load protection
- Hardened alloy steel with plated finish
- Includes two jam nuts, one for wrench access
- Top of stud is machined undersize 10% for easy alignment into load cell plus slotted for top-access applications

Stainless Steel

- Provides outstanding accuracy, repeatability and performance
- Active ball suspension provides optimum load cell performance
- Hardened stainless steel material, welded, with polished finish
- Includes two stainless steel jam nuts, one for wrench access
- Top of stud is machined undersize 10% for easy alignment into load cell plus slotted for top-access applications



Carbon



Stainless Steel

Part Number/Price

PART #	FOOT DIA.	THREAD SIZE INCHES	HEIGHT	PRICE
Carbon Steel				
74578	1.87 in	1/2-20 UNF	3.5 in	\$40.00
74579	2.00 in	1/2-20 UNF	3.5 in	40.00
74580	2.50 in	1/2-20 UNF	3.5 in	40.00
74581	3.00 in	1/2-20 UNF	3.5 in	40.00
74582	3.00 in	3/4-16 UNF	4.5 in	50.00
74583	3.00 in	1-12 UNF	4.5 in	60.00
74584	3.00 in	1-14 UNF	4.5 in	60.00
Stainless Steel				
74572	1.87 in	1/2-20 UNF	3.5 in	58.00
74573	2.00 in	1/2-20 UNF	3.5 in	58.00
73800	2.50 in	1/2-20 UNF	3.5 in	58.00
74574	3.00 in	1/2-20 UNF	3.5 in	58.00
74575	3.00 in	3/4-16 UNF	4.5 in	68.00
74576	3.00 in	1-12 UNF	4.5 in	88.00
74577	3.00 in	1-14 UNF	4.5 in	88.00
*92380	2.50 in	1/2-20 UNF	3.5 in	58.00

*Stem is fully threaded

Leveling Pads

Standard Features

- Replacement feet, adapt to most floor scales
- Available in cadmium-plated steel or stainless steel
- Simple “swivel” design
- Use with single-ended shear beams or bending beams to provide a large, flat load introduction surface



Part Number/Price

PART #	THREAD SIZE	HEIGHT	DIAMETER	PRICE
Mild Steel:				
18817	1/2-13 NC	1.12 in	1.87 in	\$25.00
18820	3/4-10 NC	1.50 in	3.00 in	44.00
Stainless Steel:				
18818	1/2-13 NC	1.12 in	1.87 in	59.00
18833	3/4-10 NC	1.50 in	3.00 in	103.00

Used in conjunction with Leveling Pad Stems

Leveling Mount

Standard Features

- Designed for use with some floor scales or machinery platforms.
- Can be used as a replacement foot on the “SP” floor scale to limit vibrations transmitted to the scale through the floor
- Provides vibration isolation on most portable platforms



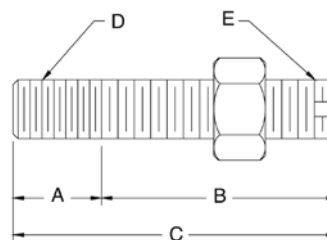
Part Number/Price

PART #	THREAD SIZE	HEIGHT	DIAMETER	PRICE
18819	1/2-13 NC	1.81 in	5.00 in	\$100.00

Leveling Pad Stems

Standard Features

- For use with leveling pads
- One jam nut included



Part Number/Price

PART #	A	B	C	D	E	SLOT	MATERIAL	PRICE
Mild Steel:								
17693	0.75 in	19.1 mm	2.00 in	50.8 mm	2.75 in	69.9 mm	3/4-10 NC 3/4-16 NF NO	1045 \$16.00
Stainless Steel:								
17689	0.50 in	12.7 mm	1.50 in	38.1 mm	2.00 in	50.8 mm	1/2-13 NC 1/2-20 NF YES	SS 16.00
17695	0.75 in	19.1 mm	2.00 in	50.8 mm	2.75 in	69.9 mm	3/4-10 NC 3/4-16 NF NO	SS 30.00

Used in conjunction with Leveling Pad

Warning: Do not use to suspend a load

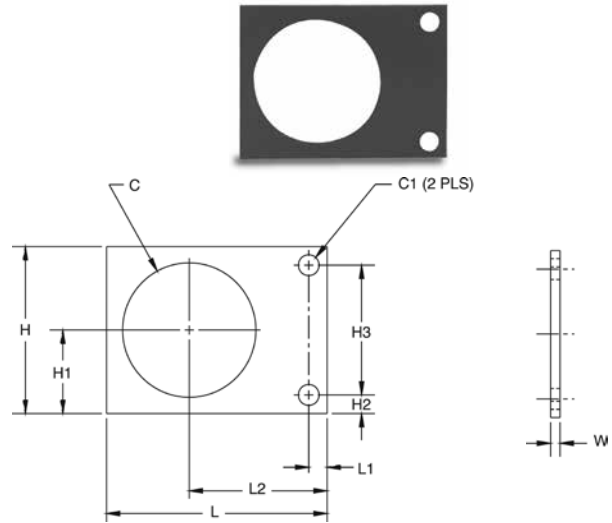
RoughDeck® Scale Base

Standard Features

- Secures RoughDeck® and other popular floor scales
- PreVents movement in horizontal plane
- Useful with Surefoot™ and other load cell foot assemblies
- Available in stainless steel and mild steel

Part Number/Price

PART #	MTL.	C	C1	H	H1	H2	PRICE
19075	MS	3.62 in	0.56 in	4.50 in	2.25 in	0.50 in	\$15.00
19076	SS	3.62 in	0.56 in	4.50 in	2.25 in	0.50 in	18.00



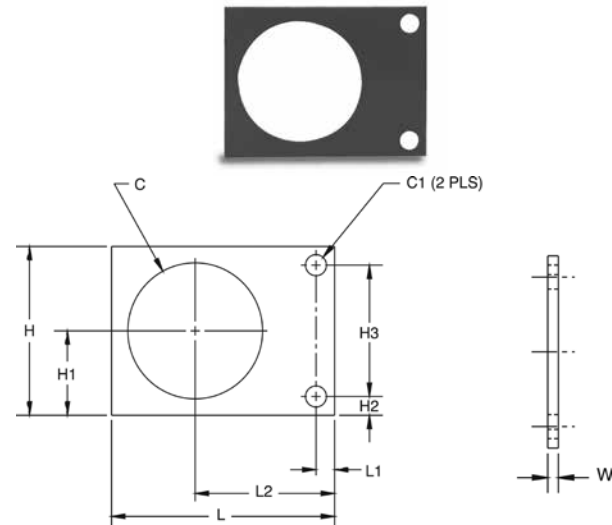
Summit® 3000 Scale Base

Standard Features

- Mounting plate for Summit® 3000 floor scales
- Available in mild steel painted green

Part Number/Price

PART #	MTL.	C	C1	H	H1	PRICE
76149	MS	3.19 in	0.56 in	4.50 in	2.25 in	\$15.00



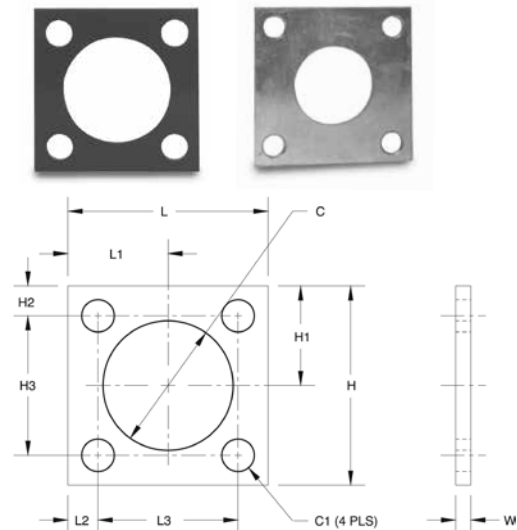
Floor Scale

Standard Features

- Suitable for use with leveling pads
- Generic mounting plate for popular floor scales
- Fits most floor scale foot assemblies
- Available in stainless steel and mild steel (mild steel parts are zinc plated/painted)

Part Number/Price

PART #	C	C1	H	H1	H2	H3	PRICE
Mild Steel:							
18737	2.00 in	0.53 in	4.00 in	2.00 in	0.50 in	3.00 in	\$8.00
18738	3.25 in	0.81 in	5.00 in	2.50 in	0.75 in	3.50 in	9.00
Stainless Steel:							
18751	2.00 in	0.53 in	4.00 in	2.00 in	0.50 in	3.00 in	32.00



Complete Custom Cable Services

Standard Features

- Special cable requirements
- Custom-built cable designed specifically for your application.
- Choose from the following design elements and Rice Lake Weighing Systems will build a cable to your specifications.
- Quick turnaround
- Competitively priced
- 5000 ft minimum purchase

Specifications

Jacket Material:

PVC
Polyurethane
Double-jacketed

Conductors:

Unlimited number
Twisted pairs
Color code
Gauge

Shielding:

Braided
Foil

Jacket Colors:

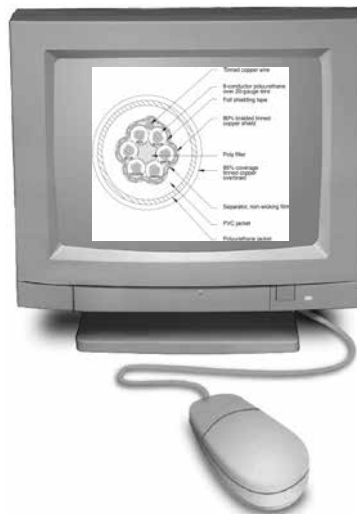
Black, brown, green, orange, red, blue, yellow, gray, natural

Ink Colors:

Black, white, silver, orange
Custom logos

Approvals:

UL listed
CSA



EL147RP Plus

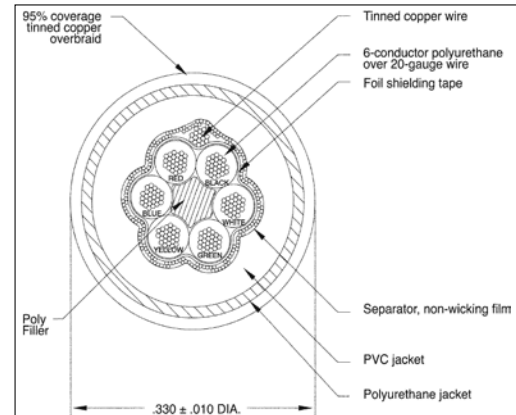
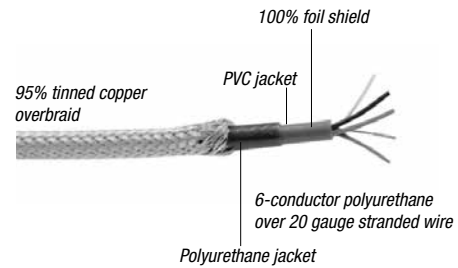
Rodent Protection Cables

Standard Features

- Tinned copper overbraid provides superior rodent and abrasion deterrent
- Enhanced EMI/RFI protection
- 6-conductor industry-standard color code
- Ideal for truck and railroad-track scales
- Diameter: 0.33 in (8.38 mm)
- Temperature rating -22°F to 126°F (-30°C to 80°C)
- Jacket coating enhanced with a chemical coating "NAW" that is distasteful to rodents

Part Number/Price

PART #	CONTINUOUS ROLL	DESCRIPTION	PRICE
31475	Custom length	6-Conductor Hostile Environment Cable	\$3.50/ft
131964	100 ft 30.5 m	6-Conductor Hostile Environment Cable	325.00
131965	250 ft 76.2 m	6-Conductor Hostile Environment Cable	810.00
131966	500 ft 152.4 m	6-Conductor Hostile Environment Cable	1,615.00
131967	1000 ft 304.8 m	6-Conductor Hostile Environment Cable	2,995.00



EL147RP Plus

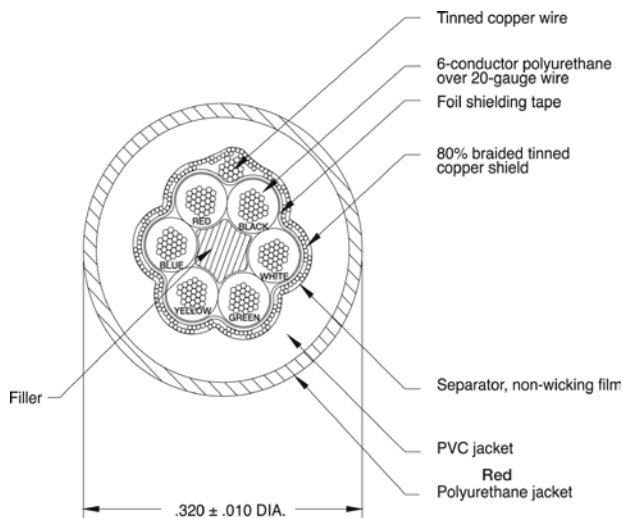
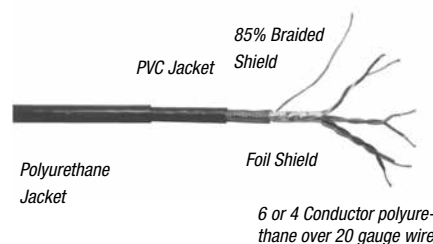
Hostile Environment Load Cell Cable

Standard Features

- EL146HE—4-Wire Load Cell Cable
- EL147HE—6-Wire Load Cell Cable
- Designed for use in hostile environments
- Polyurethane jacketing provides superior chemical and abrasion resistance
- RFI and EMI protected with foil overbraid shield
- Unmatched durability, yet extremely flexible
- All conductors are industry-standard color coded
- Diameter—EL146HE: 0.28 in (7.1 mm); EL147HE: 0.32 in (8.1 mm)
- The 6-wire cable is best suited for longer runs where remote sense lines can be used
- Use the 4-wire cable for repairing or extending existing cable
- Temperature rating: -22°F to 126°F (-30°C to 80°C)
- 500V rating

Part Number/Price

PART #	CONTINUOUS ROLL	DESCRIPTION	PRICE
15510	100 ft 30.5 m	4-Conductor Hostile Environment Cable	\$150.00
15511	250 ft 76.2 m	4-Conductor Hostile Environment Cable	375.00
15512	500 ft 152.4 m	4-Conductor Hostile Environment Cable	725.00
15513	1000 ft 304.8 m	4-Conductor Hostile Environment Cable	1,395.00
15494	Custom Length	4-Conductor Hostile Environment Cable	1.55/ft
15520	100 ft 30.5 m	6-Conductor Hostile Environment Cable	225.00
15521	250 ft 76.2 m	6-Conductor Hostile Environment Cable	550.00
15522	500 ft 152.4 m	6-Conductor Hostile Environment Cable	1,050.00
15523	1000 ft 304.8 m	6-Conductor Hostile Environment Cable	1,895.00
15496	Custom Length	6-Conductor Hostile Environment Cable	2.35/ft



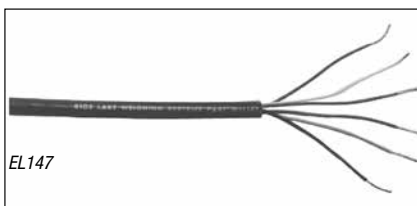
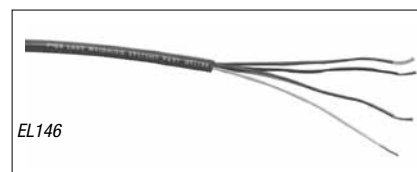
Standard Load Cell Cable

Standard Features

- EL146—4-Wire Load Cell Cable
- EL147—6-Wire Load Cell Cable
- 20 AWG tinned copper wire stranded for flexibility
- Braided shielding is encased in red PVC
- All conductors are industry-standard color coded
- Diameter—EL146: 0.25 in (6.4 mm); EL147: 0.29 in (7.4 mm)
- The 6-wire cable is best suited for longer runs where remote sense lines can be used
- Use the 4-wire cable for repairing or extending existing cable
- Temperature rating: -22°F to 126°F (-30°C to 80°C)

Part Number/Price

PART #	CONTINUOUS ROLL	DESCRIPTION	PRICE
15505	100 ft 30.5 m	4-Conductor Cable	\$120.00
15506	250 ft 76.2 m	4-Conductor Cable	275.00
15507	500 ft 152.4 m	4-Conductor Cable	550.00
15508	1000 ft 304.8 m	4-Conductor Cable	895.00
15493	Custom Length	4-Conductor Cable	1.25/ft
15515	100 ft 30.5 m	6-Conductor Cable	185.00
15516	250 ft 76.2 m	6-Conductor Cable	435.00
15517	500 ft 152.4 m	6-Conductor Cable	825.00
15518	1000 ft 304.8 m	6-Conductor Cable	1,595.00
15495	Custom Length	6-Conductor Cable	1.95/ft



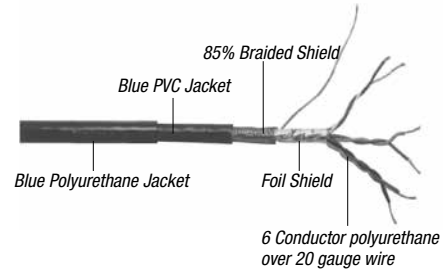
APPROVALS



EL147IS Hazardous Environment Blue Jacket Cable

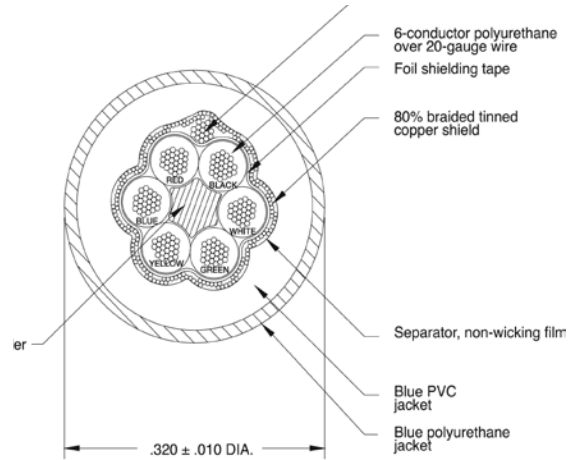
Standard Features

- Designed for intrinsically safe applications (must be wired according to Factory Mutual System-approved diagram)
- Polyurethane over PVC double jacketing provides superior chemical and abrasion resistance
- Both foil and braided wire shields for added RFI and EMI protection
- 6 conductors are industry-standard color coded (Also available 3 conductor)
- Diameter - 0.32in (8.1 mm)
- Suited for longer runs where remote sense lines can be used
- Temperature rating: -22°F to 126°F (-30°C to 80°C)



Part Number/Price

PART #	DESCRIPTION	PRICE
32817	EL147IS, 6 conductor	\$2.85/ft
72241	HE blue jacket, shielded 3 conductor	2.25/ft



EL144 Communications Cable

Standard Features

- 2-conductor with bare ground
- RFI/EMI protected with foil shield
- 20 gauge conductors
- Perfect for RS-232, 2-wire RS-485, and 20 mA current loop communications
- Diameter: 0.19in(4.8mm)

Part Number/Price

PART #	DESCRIPTION	PRICE
32803	EL144	\$0.85/ft
72691	100 ft	75.00
72072	EL144, 500 ft	395.00
72693	EL144, 1000 ft	695.00



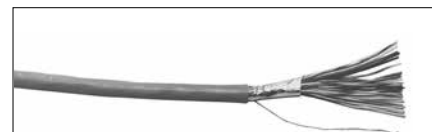
BCD Cable

Standard Features

- Sheathed in gray PVC
- Mylar aluminum foil shield with stranded tinned copper drain wire
- Diameter: 0.375in (9.5 mm)

Part Number/Price

PART #	DESCRIPTION	PRICE
15497	BCD, 24 AWG, 30-conductor	\$21.00/ft



Fiber Optic Cable

Standard Features

- Duplex cable polyethylene black jacket material
- 4.4 + 0.10 mm outer diameter of duplex cable
- 2.2 + 0.007 mm single cable outer diameter
- Operating temperature: 32°F to 158°F (-55°C to 70°C)

Part Number/Price

PART #	DESCRIPTION	PRICE
78910	Custom length	\$1.35/ft
78026	100 ft cable (30.48 m)	135.00
78027	200 ft cable (60.96 m)	270.00
78028	300 ft cable (91.44 m)	405.00
83052*	Fiber optic connector	40.00
80892	Fiber optic cable cutter	9.00
85548	Fiber optic hot knife	48.00

*Duplex fiber cable requires two connectors

*Maximum guaranteed transmission distance when used with the 320IS/IO Module is 240'



Color Code: Black-TXD, Blue-RXD

SURVIVOR® EL620HE High Temperature Cable

Standard Features

- Multiconductor overall foil and braid shield
- Suitable for temperatures from -40°C to 200°C (392°F)
- Insulation thickness - 0.010 in (0.25 mm)
- Jacket thickness - 0.017 in (0.43 mm)
- 18 gauge, tinned copper conductors
- 6 wire or 6 conductor
- FEP jacket, resistant to chemical corrosion and high temperature
- Aluminum-polyester shield with 85% tinned copper braid shield
- 150V NEC 725 Class 2 classified for use in an airplenum non-conduit
- 0.24 in diameter cable

Part Number/Price

PART #	DESCRIPTION	PRICE
15605	EL620HE	\$9.75/ft



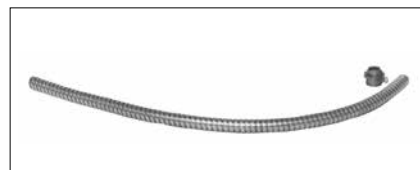
SURVIVOR® Cable Armor

Standard Features

- Flexible all metal protective armor
- Ideal for protecting load cell cable from mechanical abrasion or rodents
- Available in stainless steel and galvanized steel
- 0.5 in (12.7 mm) internal diameter, 2.0 in (50.8 mm) minimum bend radius
- Optional end fitting with 1/2 in male pipe thread

Part Number/Price

PART #	DESCRIPTION	PRICE
17808	Galvanized steel	\$3.55/ft
17806	Stainless steel	4.30/ft
17807	Optional end fitting	1.95 each



EL148 HE Replacement Mettler Toledo® Power Cell® Cable

Standard Features

- 100% stainless steel military connector-electro deposited nickel plating with stainless banding and epoxy heat-shrink strain relief
- Stainless steel artic ring precision cut for improved connection
- Textured rubber boot for additional grip
- Standard Mettler Toledo color code
- Custom lengths available including standard lengths listed below cables



Part Number/Price

PART #	CABLE LENGTH EACH	PRICE
100268	8 ft	\$325.00
101102	12 ft	335.00
104164	15 ft	338.00
100269	26 ft	375.00
100270	35 ft	385.00

Load Cell Conduit Adapters

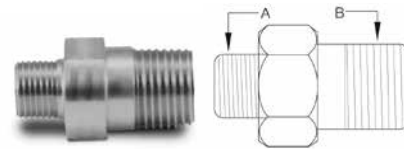
Standard Features

- Used to adapt conduit to load cells
- 303 stainless steel

Dimensions

PART #	A	B	PRICE
Thread-On:			
31533	3/8-24 UNF	—	\$30.00
31534	—	1/4-18 NPT	30.00
31535	5/8-18 UNF	1/2-14 NPT	30.00

Note: 31533 and 31534 are used together to form male-to-male adapter



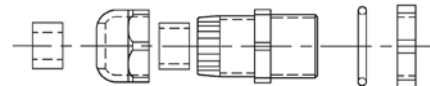
Cord Grip Assemblies

Standard Features

- Assemblies include cord grip, locknut, "O"-ring seal, gray and black reducer glands
- Fittings are made of weather- and corrosion-resistant nylon

Part Number/Price

GLAND CABLE RANGES								
Part #	Thread	Panel Hole Diameter		Regular (Black)		Reducer (Gray)		Price
15669	PCN9	0.625 in	15.9 mm	.157-.314 in	4.0-8.0 mm	.118-.236 in	3.0-6.0 mm	\$4.50
15670	3/8 NPT	0.687 in	17.4 mm	.157-.314 in	4.0-8.0 mm	.118-.236 in	3.0-6.0 mm	4.25
15671	1/2 NPT	0.844 in	21.4 mm	.236-.472 in	6.0-12.0 mm	.200-.354 in	5.1-9.0 mm	4.85



EL214 Cable Splicing Kit

Standard Features

- Designed for a complete, professional transducer cable splice
- PreVents moisture from entering the load cell through the cable connector

Each kit contains a high-impact plastic splicing box, liquid-tight cable fittings, circuit card, PTFE sleeving, pre-measured potting compound and complete instructions

Specifications

Dimensions:

3.00 W x 1.00 H x 1.50 in D (76.2 W x 25.4 H x 38.1 mm D)

Mounting Centers:

2.50 in (63.5 mm)

Number of Connections:

7

Cable Diameter:

0.187 in-0.312 in (4.7 mm-7.9 mm)

Cure Time For Potting:

Epoxy-Polyamide resin cures in 2 hours at 73°F (23°C)



Part Number/Price

PART #	DESCRIPTION	PRICE
15485	EL214	\$115.00

EL214T Cable Splicing Kit

Standard Features

- Designed to accommodate cables larger than the EL214; all other dimensions and performance features are the same

Specifications

Dimensions:

3.00 W x 1.00 H x 1.50 in D (76.2 W x 25.4 H x 38.1 mm D)

Mounting Centers:

2.50 in (63.5 mm)

Number of Connections:

7

Cable Diameter:

0.270 in-0.480 in (6.9 mm-12.2 mm)

Cure Time For Potting:

Epoxy-Polyamide resin cures in 2 hours at 73°F (23°C)



Part Number/Price

PART #	DESCRIPTION	PRICE
15486	EL214T	\$125.00

EL215 Cable Splicing Kit

Standard Features

- Designed for use in weather-exposed or direct-burial locations
- Each kit contains plastic splicing tube, circuit board, insulating resin and instructions

Specifications

Dimensions:

1.375 in dia x 6.0 in long (34.9 mm dia x 152.4 mm long)

Number of Connections:

7

Cable Diameter:

up to .75 in (19.1 mm)

Cure Time For Potting:

2 hours at 70°F (21°C)



Part Number/Price

PART #	DESCRIPTION	PRICE
15612	EL215	\$65.00

Flintec™ Load Cell Cable Replacement Kits

Standard Features

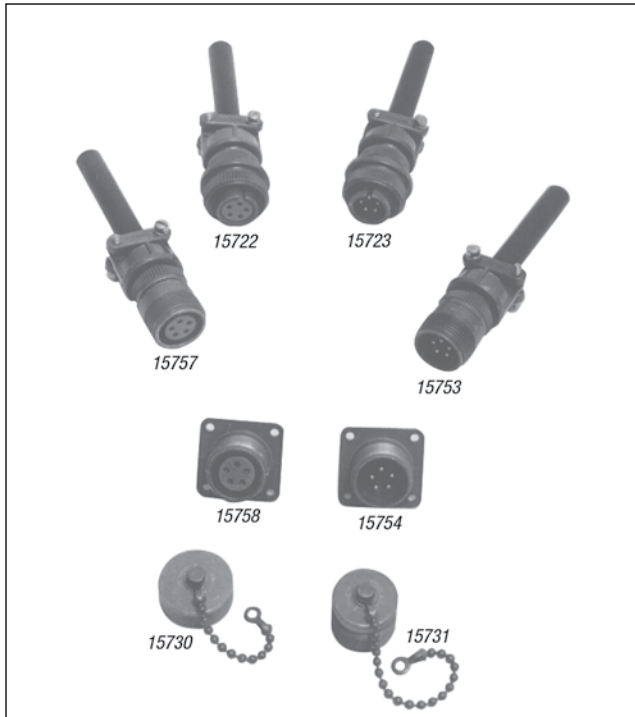
- Each kit includes cable for four Flintec SB4 or UB1 load cells as listed

Part Number/Price

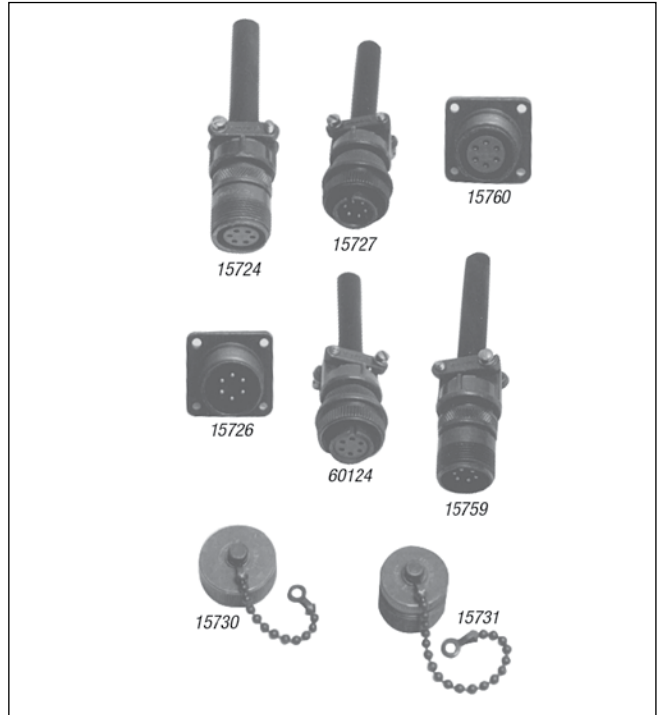
PART #	DESCRIPTION	CABLE LENGTH EA. FEET (M)		PRICE
18412	For SB4, 225-5200 lb (102.1-2358.7 kg)	10 ft	3.1 m	\$325.00
18413	For SB4, 11250-22,500 lb	15 ft	4.6 m	355.00



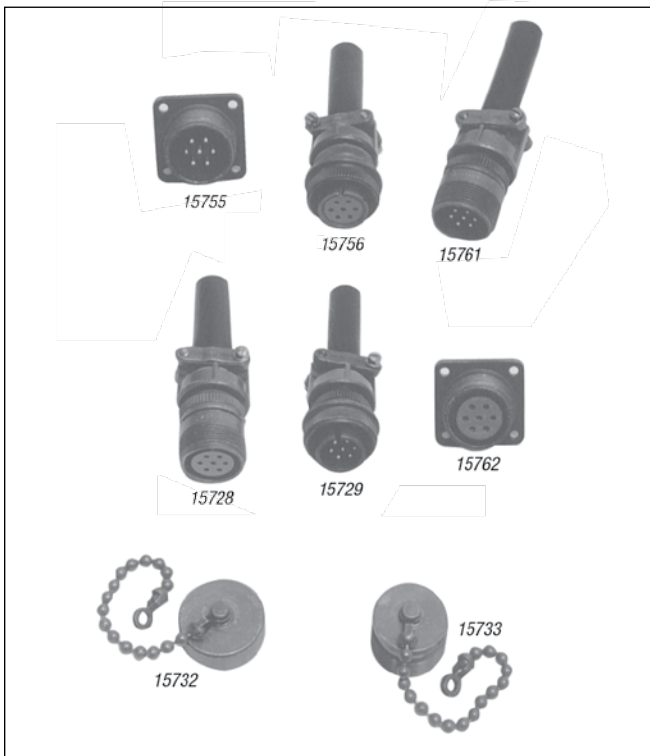
5-POSITION CONNECTORS, SHELL PLUGS, RECEPTACLES



6-POSITION CONNECTORS, SHELL PLUGS, RECEPTACLES



7-POSITION CONNECTORS, SHELL PLUGS, RECEPTACLES



Part Number/Price

PART #	DESCRIPTION	PRICE
15753	5-Pin, external thread	\$28.00
15722	5-socket, internal thread	29.00
15723	5-Pin, internal thread	28.00
15757	5-socket, external thread	34.00
15754	5-Pin chassis mount, external thread	20.00
15758	5-socket chassis mount, external thread	20.00
15730	Dust cap for ext. thread 5-position connector	11.00
15731	Dust cap for int. thread 5-position connector	15.00
15759	6-Pin, external thread, male	28.00
60124	6-socket, internal thread connector, female fits Toledo load cells, Condec indicators	24.00
15727	6-Pin, internal thread, male	27.00
15724	6-socket, external thread	31.00
15726	6-Pin chassis mount, external thread	20.00
15760	6-socket chassis mount, external thread	19.00
15730	Dust cap for ext. thread 6-position connector	11.00
15731	Dust cap for int. thread 6-position connector	15.00
15761	7-Pin, external thread	29.00
15756	7-socket, internal thread	31.00
15729	7-Pin, internal thread	31.00
15728	7-socket, external thread	31.00
15755	7-Pin chassis mount, external thread	20.00
15762	7-socket chassis mount, external thread	23.00
15732	Dust cap for ext. thread 7-position connector	16.00
15733	Dust cap for int. thread 7-position connector	20.00

T-Grip Molding

Standard Features

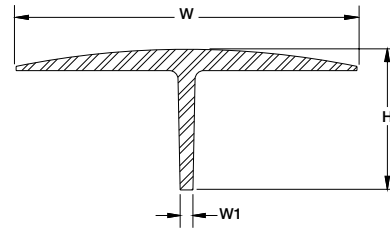
- Designed for use in truck scale applications to PreVent spill-over into the pit
- Impact, tear, and weather-resistant EPDM rubber
- Barbed web to hold molding in place
- Web thickness .22 in (5.6 mm)
- Available by the foot or in 10.0 ft (3.1 m), 11.0 ft (3.4 m), 70.0 ft (21.34 m), 80.0 ft (24.4 m) and 100.0 ft (30.5 m) lengths. Maximum continuous length is 450 ft (137 m)



Part Number/Price

PART #	H	W	W1	LENGTH	PRICE			
18799	2.56 in	65.0 mm	5.75 in	146.1 mm	0.22 in	5.6 mm	Sold by the foot	\$7.25/ft
18800	2.56 in	65.0 mm	5.75 in	146.1 mm	0.22 in	5.6 mm	10 ft 3.05 m	72.50
18801	2.56 in	65.0 mm	5.75 in	146.1 mm	0.22 in	5.6 mm	11 ft 3.35 m	79.75
18802	2.56 in	65.0 mm	5.75 in	146.1 mm	0.22 in	5.6 mm	70 ft 21.34 m	475.00
33219	2.56 in	65.0 mm	5.75 in	146.1 mm	0.22 in	5.6 mm	80 ft 24.4 m	515.00
33222	2.56 in	65.0 mm	5.75 in	146.1 mm	0.22 in	5.6 mm	100 ft 30.5 m	650.00

*Maximum continuous length is 450 ft Call for price and availability



T-Strip Molding

Standard Features

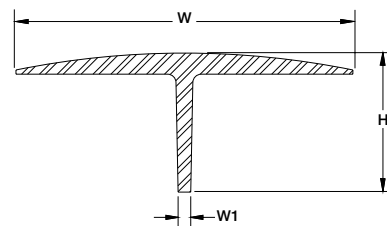
- Designed for use in truck scale applications to PreVent spill-over into the pit
- Impact, tear, and weather-resistant SBR rubber
- Web thickness .25 in (6.4 mm)
- Available by the foot or in 10.0 ft (3.1 m), 11.0 ft (3.4 m), 70.0 ft (21.34 m), 80.0 ft (24.4 m) and 100.0 ft (30.5 m) lengths. Maximum continuous length is 450 ft (137 m)



Part Number/Price

PART #	H	W	W1	LENGTH	PRICE			
18736	2.00 in	50.8 mm	4.50 in	114.3 mm	0.25 in	6.4 mm	Sold by the foot	\$6.75/ft
18776	2.00 in	50.8 mm	4.50 in	114.3 mm	0.25 in	6.4 mm	10 ft/3.05 m	67.50
18797	2.00 in	50.8 mm	4.50 in	114.3 mm	0.25 in	6.4 mm	11 ft/3.35 m	74.25
18798	2.00 in	50.8 mm	4.50 in	114.3 mm	0.25 in	6.4 mm	70 ft/21.34 m	435.00
33223	2.00 in	50.8 mm	4.50 in	114.3 mm	0.25 in	6.4 mm	80 ft/24.4 m	485.00
33224	2.00 in	50.8 mm	4.50 in	114.3 mm	0.25 in	6.4 mm	100 ft/30.5 m	585.00

*Maximum continuous length is 450 ft Call for price and availability



Electronic Scale Tickets

Hecon® Printers, EL522 & EL516 - 20266

Standard Features

- Carbon triplicate interleaved
- Size: 4.25 in W x 7.875 in L (127 x 200 mm)
- Order quantity: 500 per package

20266

Form 510 is a standard electronic scale ticket. It includes fields for DATE, No., SELLER, BUYER, ADDRESS, CITY, STATE, and ZIP. It also has sections for GROSS, TARE, and NET weights, and checkboxes for DRIVER ON and OFF. A 'WEIGHED BY' field is also present. The form is labeled 'FORM 510' at the bottom right.

SP2200, SP2000, RL250 & EL500 - 20265

Standard Features

- Carbon triplicate interleaved, perforated and glued on one end
- Size: 5.5 in W x 9 in L (139.7 x 228.6 mm)
- Order quantity: 500 per package

20265

Form ES-4 is an electronic scale ticket with a perforated edge on the right side. It includes fields for DATE, No., SELLER, BUYER, ADDRESS, CITY, STATE, and ZIP. It also has sections for COMMODITY, PRICE, and REMARKS. There are checkboxes for DRIVER ON and OFF, and a 'WEIGHER' field. The form is labeled 'Form ES-4' at the bottom left.

Rice Lake Scales - 71630 or 105182

Standard Features

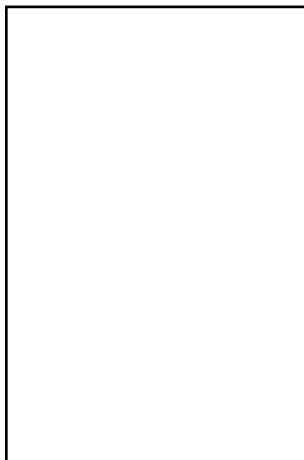
- Carbonless duplicate or triplicate
- Size: 4.25 in x 7 in (107 mm x 177.8 mm) attached at 4.25 side
- Order quantity: 500 per package
- Custom (Duplicate):
- Add company name (min. order 5 packs - \$48.00 ea)
- Custom (Triplicate):
- Add company name (min. order 5 packs - \$68.00 ea)

Form 71630/105182 is a carbonless duplicate or triplicate scale ticket. It includes a 'Customer Name' field, checkboxes for 'Driver On' and 'Driver Off', and a 'Customer Signature' line. The Rice Lake logo is visible at the bottom.

Blank Scale Ticket - 22263

Standard Features

- 3-part carbonless
- White, canary yellow, and pink
- Size: 4.25 in W x 5.5 in L (108 mm x 140 mm)
- Attached at 4.25 edge
- Custom - Add company name (min. order of 2500 - \$0.20 ea)



Part Number/Price

PART #	DESCRIPTION	PRICE
20266	Hecon Printers, EL522 & EL516, 500/pack	\$92.00
20265	SP2200, SP2000, EL250 & EL500, 500/pack	95.00
71630	Rice Lake ticket, 2 part, 500/pack	50.00
105182	Rice Lake ticket, 3 part, 500/pack white, canary yellow, pink	72.00
22263	Blank scale ticket, each	0.22 each

Mechanical Scale Tickets

Fairbanks™ Scales - 20260

Standard Features

- Carbon triplicate with 2 in (50.8 mm) tear-off flap
- Size: 1.875 in W x 4.75 in L (47.6 x 120.7 mm)
- Order quantity: 500 per package

WEIGHED ON A FAIRBANKS SCALE				No. _____
Load _____			Date _____	Received by _____
From _____				
Gross _____	lbs.	To _____		
Tare _____	lbs.	Address _____		
Net _____	lbs.	Price _____	Amt. _____	
_____ On _____	Off	Weigher _____		
Form 333A				Printed in U.S.A.

Howe™ Scales - 20261

Standard Features

- Carbon triplicate with 2 in (50.8 mm) tear-off flap
- Size: 1.75 in W x 5.5 in L (44.5 x 139.7 mm)
- Order quantity: 500 per package

Weight obtained by using THE HOWE PATENTED RECORDING BEAM				No. _____
From _____			To _____	Received by _____
Gross _____	Load of _____			
Tare _____	Driver { On _____			
Fees _____	Off _____	Date _____	20 _____	
Net _____			Weigher _____	
Form 3A				

Create Your Own Custom Ticket

Standard Features

- Send us a copy of the existing custom format or drawing of a completely new one. Please specify number of carbon copies, dimensions, colors and text. Minimum order quantity may apply.



Part Number/Price

PART #	DESCRIPTION	PRICE
20260	Fairbanks Scales, 500/pack	\$65.00
20261	Howe Scales, 500/pack	65.00

Scale Veils

Protect your electronic scales, weight indicators and printers with a scale veil. Reduce costly repairs and down time due to moisture penetrating through instrument enclosures during cleanup or operation.



Standard Features

- Tough, flexible transparent vinyl, constructed with heavy-duty stitching
- Loose fit allows for operation of switches or controls through the scale veil
- Available for most types of scale equipment

Part Number/Price

PART #	MODEL	PRICE
RICE LAKE		
21210	SP2000/SP2200	\$75.00
EPSON		
29582	TM290/295	55.00
35666	TM-U200 TM-U220	60.00
111840	TM-U590	65.00
OKIDATA		
21208	Okidata 184 Turbo Printer	65.00
21226	Okidata 320/390	65.00

Custom veils and specials available; consult factory.

Cables



Part Number/Price

PART #	DESCRIPTION	PRICE
Interface Cables for SP-2200, TM-U295, TM-U590 and Star® Printers		
15547	Blunt end, 25-Pin D-sub male RS-232 serial interface cable	\$65.00
15548	25-Pin D-sub male to 25-Pin D-sub male 20 mA serial interface cable (SP2200 only)	65.00
15568	25-Pin D-sub male to 25-Pin D-sub male RS-232 serial interface cable	65.00
Consult	Custom 20 mA/RS-232 serial interface cable	110.00
Interface Cables for I-Class		
15547	Blunt end, 25-Pin D-sub male RS-232 serial interface cable	65.00
Consult	Custom RS-232 interface cable	110.00
Interface Cables for Eltron Desktops, E-4203 and M-4206		
41276	DB9 male RS-232 cable to blunt end	65.00
Straight Cable		
50749	DB9 female to DB9 female	55.00
41279	DB25 male to DB9 male	65.00
70056	DB9M to DB9F	35.00
Null Modem Cable		
66535	DB9F to DB9 female, Null modem	45.00
64794	DB9F to DB9M, Null modem, 6ft	65.00
USB Cable		
79074	USB-A to USB-B	30.00
153603	USB to 9-Pin Male RS-232 adapter	85.00
156806	USB 2.0 A to A, 1 m	30.00
156807	USB 2.0 A to A, 3 m	45.00
156808	USB 2.0 A to A, 5 m	55.00
156809	USB 2.0 to USB-B male type A	45.00
156815	USB 2.0 to USB-B male type A to male type B micro, 3 m	50.00
156811	USB 2.0 to USB-B male type A to male type B micro, 5 m	65.00
156817	EtherNet TCP/IP CAT.5E RJ45 1 m	30.00
156818	EtherNet TCP/IP CAT.5E RJ45 3 m	37.00
156821	EtherNet TCP/IP CAT.5E RJ45 5 m	45.00
Ethernet Cable/RJ45		
72697	RJ45 to RJ45, 7 ft	35.00
78860	RJ45 to RJ45, cross over 7 ft	35.00
75594	RJ45 to 9-Pin female	65.00

Blunt-end cables interface to: UMC444, UMC555, UMC600, IQ700, IQ plus® 310A, IQ plus® 355, IQ plus® 390-DC, IQ plus® 510, IQ plus® 590-DC, IQ plus® 710, IQ plus® 800, and IQ plus® 810, 520 and 920i

Custom cables are designed to interface with your specific equipment. Please specify equipment model number and connector type. Standard cable length is 5 ft (1.5 m).



156809 (1 m)
156811 (3 m)
156815 (5 m)



156817 (1 m)
156818 (3 m)
156821 (5 m)



156806 (1 m)
156807 (3 m)
156808 (5 m)

Static Brushes

PART #	STATICMASTER PART #	DESCRIPTION	PRICE
76669	1C200	Static Brush 1 in	\$131.00
76670	1C200R	Replacement cartridge	85.00



Static Brushes

PART #	STATICMASTER PART #	DESCRIPTION	PRICE
76671	3C500	Static Brush 3 in	\$199.00
76672	3C500R	Replacement cartridge	134.00



Ionizing Strips

PART #	STATICMASTER PART #	DESCRIPTION	PRICE
76677	1U400	Ionizing unit 1 in x 1 in	\$134.00
76678	1U200	Ionizing unit 1 in x 1 in	85.00



Ionizing Strips

PART #	STATICMASTER PART #	DESCRIPTION	PRICE
76676	2U500	Ionizing unit 1 in x 3 in	\$134.00



Ionizing Strips Accessories

PART #	STATICMASTER PART #	DESCRIPTION	PRICE
76679	BF1	Ionizer Positioner	\$69.00
76680	BF2	Ionizer Positioner Only - C Bracket	98.00

Desiccants

Standard Features

- Packets
- Bagged desiccants to protect your enclosed electronic components from moisture and humidity
- Useful in junction boxes, indicators and all scale electronics

Part Number/Price

PART #	DESCRIPTION	PRICE
16038	Mini Pax® 7 g	\$1.10
16039	NatraSorb® 20 g	2.00
92240	3 g	1.10



Industrial Corrosion Inhibitor

Standard Features

- Our Best Indicator Protection
- Special chemical combination provides superior protection
- Protects 5 cubic feet/1.4 cubic meters of enclosure volume for approximately one year
- Dimensions: 2.5 in dia. x 1.5 in H (63.5 mm dia. x 38.1 mm H)

Part Number/Price

PART #	DESCRIPTION	PRICE
16037	Corrosion Inhibitor	\$28.00



Crimper and Lead Seals

Standard Features

Crimper

- 5.0 in (127.0 mm) seal press with two .5 in (12.7 mm) engraving dies
- Chrome finish
- Compound leverage
- Quick delivery on custom dies

Lead Seals

- 25 in (6.4 mm) heavy duty seal with galvanized steel wire. Length-16.0 in (406.4 mm)

Part Number/Price

PART #	DESCRIPTION	PRICE
21111	Crimper and 2 Die Blanks	\$130.00
15318	Crimper Die Blank (replacements)	55.00
15317	100 Seals/pkg	45.00

Maximum number of characters that can be engraved on die is 9



Static Control Table Mat and Floor Mat

An absolute must for every workbench, this kit includes a 3-layer 2 ft x 4 ft table mat, 4 ft x 6 ft floor mat, ground cord and adjustable wrist strap. Designed specifically for energized circuit work, the static control table and floor mat provide superior protection against ESD.



Part Number/Price

PART #	DESCRIPTION	PRICE
34265	Static Control Table Mat & Floor Mat	\$825.00

Static Control Wrist Strap

The single most important personal accessory for protecting ESD-sensitive components and circuits, this wrist strap protects against charges from the body. The wrist strap consists of a comfortable elastic cuff or band and a detachable conductive cord for grounding the wrist band.



Part Number/Price

PART #	DESCRIPTION	PRICE
34263	Static Control Wrist Strap	\$50.00

Static Shielding Bags

This static shield bag offers total ESD protection, whether you're transporting ESD-susceptible products across the room or across the country. The outer layer of the bag consists of an abrasion-resistant polyester, while the antistatic polyethylene inner layer retards triboelectric static charging from inside the bag.



Part Number/Price

PART #	DESCRIPTION	PRICE
16150	Static Shielding Bags, 8 in x 10 in	\$1.10 each
16151	Static Shielding Bags, 12 in x 18 in	3.25 each

Static-Safe Service Kit

Standard Features

- Eliminates static for safe board replacement
- Connects a field service technician and the static-safe work surface to the same ground point
- Harmlessly drains static charges from the body and from any conductive objects placed on the mat
- Folds into a compact unit for transport and storage

Part Number/Price

PART #	DESCRIPTION	PRICE
32818	Static-Safe Service Kit	\$185.00



Portable Megometer

Standard Features

- Load cell insulation tester
- Easy to use, accurate and reliable
- Designed for strain gauge transducer testing

Part Number/Price

PART #	DESCRIPTION	PRICE
36253	Portable Megometer	\$695.00



Notes

HARDWARE AND ACCESSORIES

www.ricelake.com | Phone: 800-472-6703



Junction Boxes/Simulators

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to see all RLWS materials
available in Spanish

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JB4SS

TuffSeal® Signal Trim Junction Box

Standard Features:

- Stainless steel, NEMA 4X enclosure
- Jumpers to enable/disable a load cell
- PreVent™ breather vent
- Conformal coated circuit board
- Number of cells: 2 to 4 single cells
- Expansion port

Applications:

- Floor, tank, hopper scales

Specifications:

Cable Fittings:

P/N 88956:

- (4) PG7 0.118-0.255 strain relief
- (2) PG11 0.197-0.394 strain relief
- (1) PreVent™ breather vent

P/N 107700:

- (4) PG9 0.138-0.315 strain relief
- (2) PG11 0.197-0.394 strain relief
- (1) PreVent™ breather vent

Enclosure:

Stainless Steel NEMA 4X

Connectors:

Spring clamp screwless, 12-28 AWG

Trimming:

Individual cell, signal trim

Potentiometers:

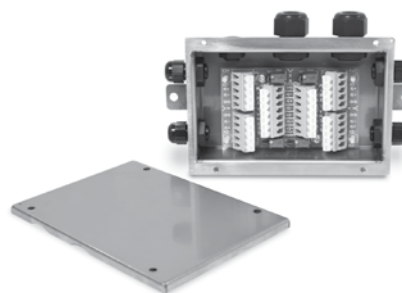
100k ohm, 25 turn cermet

Circuit Board:

3.8 in x 2.3 in (96.5 mm x 58.4 mm), with conformal coating

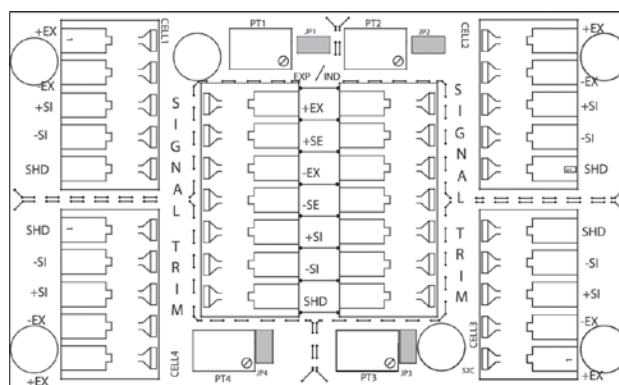
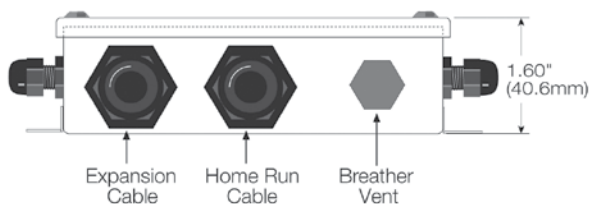
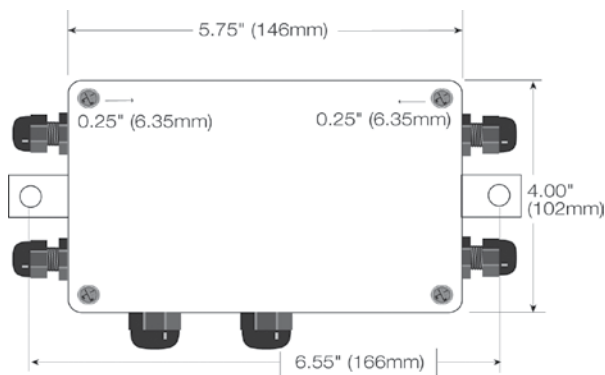
Warranty:

One-year limited warranty



Part Number/Price

PART #	DESCRIPTION	PRICE
88956	JB4SS signal trim junction box with PG7 cord grips for load cells	\$235.00
107700	JB4SS signal trim junction box with PG9 cord grips for load cells	250.00
88958	Board only	150.00



JB4ES

TuffSeal® Excitation Trim Junction Box

Standard Features:

- Stainless steel, NEMA 4X enclosure
- Jumpers to enable trimming
- PreVent™ breather vent
- Conformal coated circuit board
- Number of cells: 2 to 4 single cells
- Expansion port

Applications:

- Floor, tank, hopper scales

Specifications:

Cable Fittings:

- (4) PG7 0.118-0.255 strain relief
- (2) PG11 0.197-0.394 strain relief
- (1) PreVent™ breather vent

Enclosure:

Stainless Steel NEMA 4X

Connectors:

Spring clamp screwless, 12-28 AWG

Trimming:

Individual cell, excitation trim

Potentiometers:

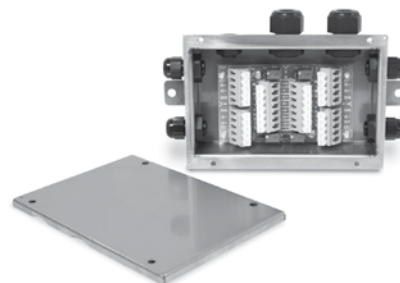
100 ohm, 25 turn cermet

Circuit Board:

3.8 in x 2.3 in (96.5 mm x 58.4 mm), with conformal coating

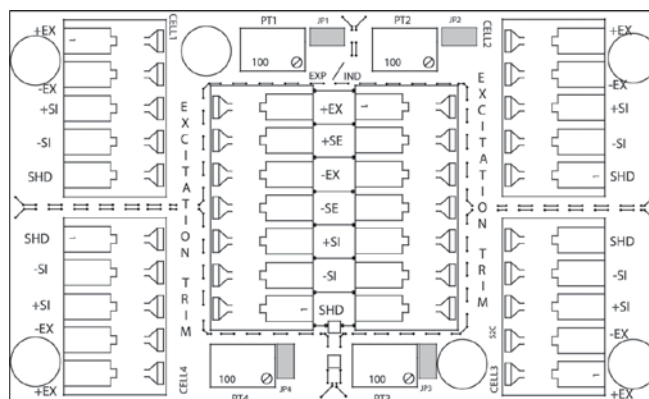
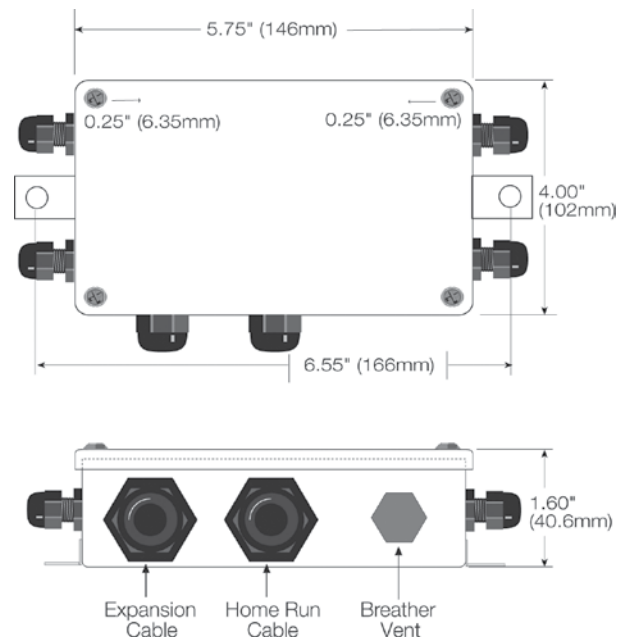
Warranty:

One-year limited warranty



Part Number/Price

PART #	DESCRIPTION	PRICE
91779	JB4ES excitation trim junction box	\$235.00
89446	Board only	150.00



JB4SP and JB4SPT

TuffSeal® Signal Trim Junction Box

Standard Features:

- Fiberglass Reinforced Polyester (FRP) (NEMA 4X) enclosure with stainless steel cover screws
- Jumpers to enable/disable a load cell
- PreVent™ breather vent
- Conformal coated circuit board
- Number of cells: 2 to 4 single cells
- Expansion port

Applications:

- Tank and hopper scales

Specifications:

Cable Fittings:

- (4) PG7 0.118-0.255 strain relief
- (2) PG11 0.197-0.394 strain relief
- (1) PreVent™ breather vent

Enclosure:

Molded FRP (NEMA 4X) enclosure with overlapping solid cover, stainless steel screws

Connectors:

Spring clamp screwless, 12-28 AWG

Trimming:

Individual cell, signal trim

Potentiometers:

100 k ohm, 25 turn cermet

Circuit Board:

3.8 in x 2.3 in (96.5 mm x 58.4 mm), with conformal coating

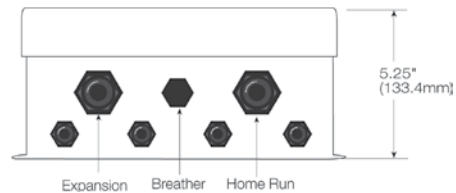
Warranty:

One-year limited warranty

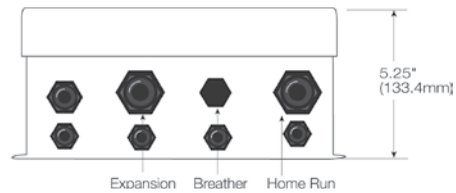


Part Number/Price

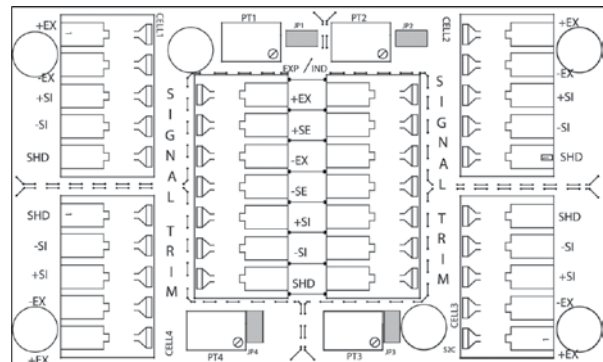
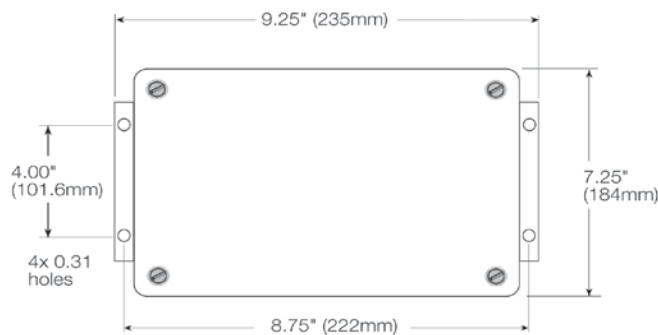
PART #	DESCRIPTION	PRICE
91780	JB4SP signal trim 4-channel with expansion	\$255.00
92762	JB4SPT signal trim with transient protection	445.00
88958	Board only	150.00
89894	Transient board	215.00



JB4SP



JB4SPT



JB4EP and JB4EPT

TuffSeal® Excitation Trim Junction Box

Standard Features:

- Fiberglass Reinforced Polyester (FRP) (NEMA 4X) enclosure with stainless steel cover screws
- Jumpers to enable trimming
- PreVent™ breather vent
- Conformal coated circuit board
- Number of cells: 2 to 4 single cells
- Expansion port

Applications:

- Tank and hopper scales

Specifications:

Cable Fittings:

- (4) PG7 0.118-0.255 strain relief
- (2) PG11 0.197-0.394 strain relief
- (1) PreVent™ breather vent

Enclosure:

Molded FRP (NEMA 4X) enclosure with overlapping solid cover, stainless steel screws

Connectors:

Spring clamp screwless, 12-28 AWG

Trimming:

Individual cell, excitation trim

Potentiometers:

100 ohm, 25 turn cermet

Circuit Board:

3.8 in x 2.3 in (96.5 mm x 58.4 mm), with conformal coating

Warranty:

One-year limited warranty

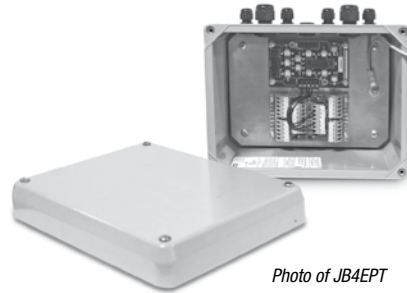
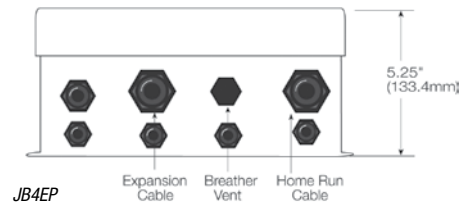


Photo of JB4EPT

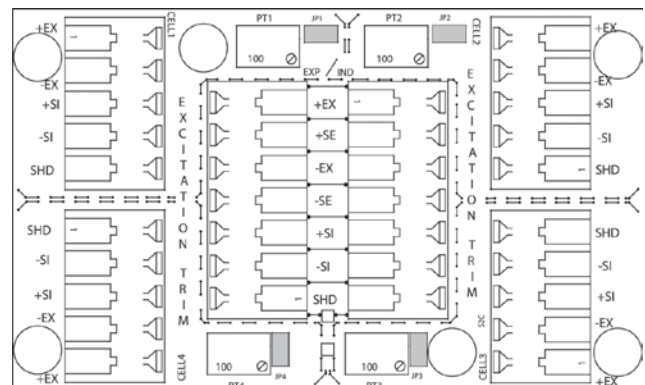
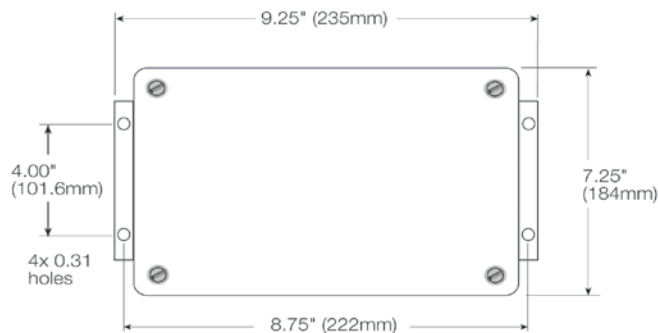
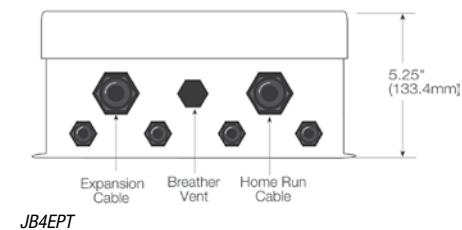


Part Number/Price

PART #	DESCRIPTION	PRICE
91781	JB4EP excitation trim junction box	\$255.00
92763	JB4EPT excitation trim junction box with transient protection	445.00
89446	Board only	150.00
89894	Transient board	215.00



Load Cell Cord Grips on Bottom



EL204

Signal Trim Junction Box

Standard Features:

- ABS enclosure with molded-in cable fittings
- Premium screw terminals
- 6-screw attachment to lid, die cut gasket for superior environment protection
- Number of cells: 2 to 4 single cells

Applications:

- Floor, hopper, tank or livestock applications

Specifications:

Cable Fittings:

Five water tight nylon compression fittings, 0.210-0.280 in (5.3 x 7.1 mm)

Connectors:

Spring clamp screwless, 12-28 AWG

Trimming:

Individual cell trim, signal trim

Potentiometers:

100K ohm, 25 turn cermet

Enclosure:

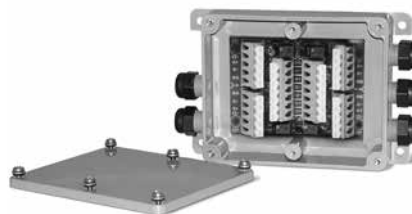
ABS with molded through-fittings, sealed 6-screw lid

Circuit Board:

3.8 x 2.3 in (96.5 x 58.4 mm); with conformal coating

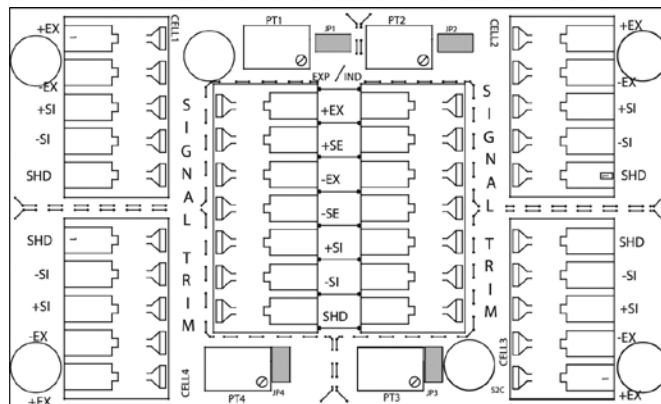
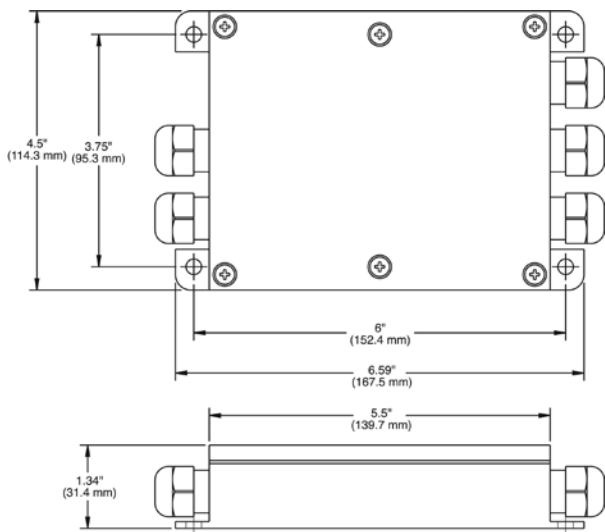
Warranty:

One-year limited warranty



Part Number/Price

PART #	DESCRIPTION	PRICE
73428	EL204 junction box	\$185.00
88958	Board Only	150.00



EL504

Signal Trim Junction Box

Standard Features:

- Stainless steel, NEMA 4X enclosure
- Strain relief cable fittings
- Removable connectors for easy wiring
- Number of cells: 2 to 4 single cells (even number of cells only)
- Any unused channels require modification

Applications:

- Truck scales
- Floor scales
- Limited space installations

Specifications:

Cable Fittings:

(5) nylon 0.187-0.312 in (4.7-7.9 mm) cable strain reliefs

Connectors:

Electrovert 0.197 in (5.0 mm) miniature two piece connectors. Maximum wire size #14 AWG, connectors are removable for easy wiring.

Trimming:

Individual cell trim, signal trim

Potentiometers:

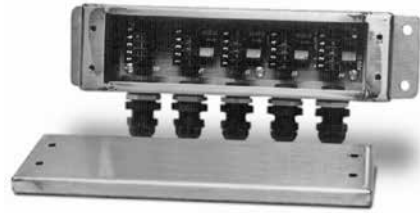
100 k ohms, 25-turn cermet

Enclosure:

Stainless steel NEMA 4X, 40 PSI washdown

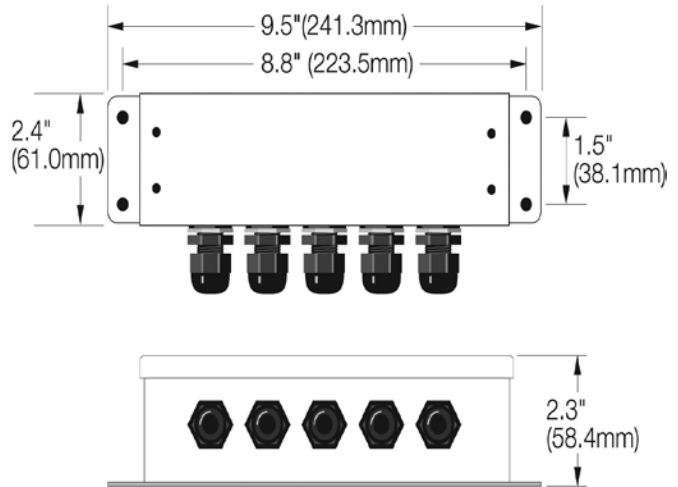
Circuit Board:

6.5 x 1.5 in (165.1 x 38.1 mm) with anti-fungal coating



Part Number/Price

PART #	DESCRIPTION	PRICE
21165	EL504 signal trim junction box	\$325.00
21296	Board only	255.00



JB8SP

TuffSeal® Signal Trim Junction Box

Standard Features:

- Fiberglass Reinforced Polyester (FRP) (NEMA 4X) enclosure
- PreVent™ breather vent
- Conformal coated circuit board
- Removable load cell connectors
- Section and individual cell trim capability
- Number of cells: 2, 4, 6 or 8 single load cells (even number only)
- Expansion port

Applications:

- Truck, livestock and railroad scales

Specifications:

Cable Fittings:

- (9) 3/8 in NPT 0.157 in-0.314 in
- (2) 1/2 in NPT 0.272 in-0.472 in
- (1) PreVent™ breather unit

Enclosure:

Molded FRP (NEMA 4X) enclosure with overlapping solid cover, stainless steel screws

Connectors:

Pluggable screw type, 12-28 AWG

Trimming:

Individual cell trim, range

Potentiometers:

100 k ohm, 25 turn cermet

Circuit Board:

5.7 in x 7.2 in with conformal coating

Warranty:

One-year warranty



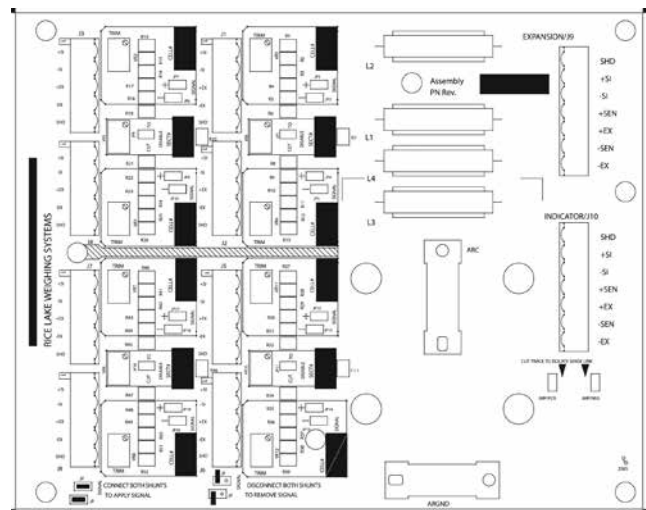
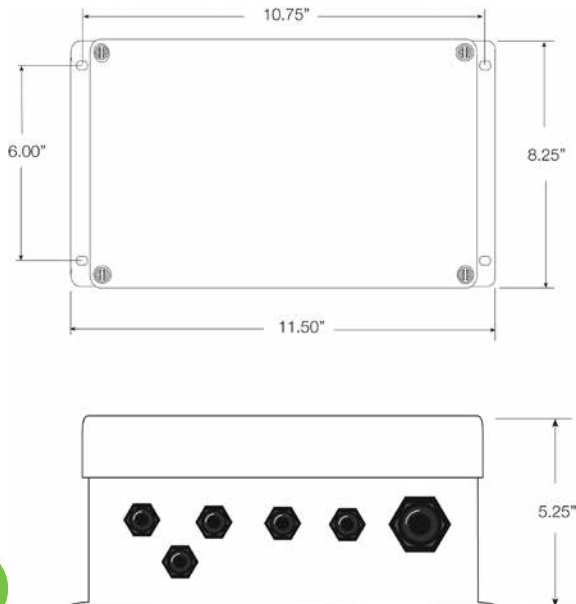
Part Number/Price

PART #	DESCRIPTION	PRICE
91782	JB8SP signal trim 8-channel with expansion	\$425.00
*89889	Board only	365.00

* For Rev. B and new boards

Options/Accessories

PART #	DESCRIPTION	PRICE
92734	Coupling, 1/2 in NPT cord grip to 3/4 in NPT conduit fitting	\$25.00
92735	Coupling, 3/8 in NPT cord grip to 3/4 in NPT conduit fitting	25.00



JB8SPT

TuffSeal® Signal Trim Junction Box

Standard Features:

- Fiberglass Reinforced Polyester (FRP) (NEMA 4X) enclosure
- PreVent™ breather vent
- Conformal coated circuit board
- Removable load cell connectors
- Section and individual cell trim capability
- Field replaceable transient protection
- (1) coupling, 1/2 NPT cord grip to 3/4 in NPT conduit fitting for homerun cable
- Number of cells: 2,4,6 or 8 single load cells (even number only)
- Expansion board

Applications:

- Truck, livestock and railroad scales

Specifications:

Cable Fittings:

- (9) 3/8 in NPT 0.157 in-0.314 in
- (2) 1/2 in NPT 0.272 in-0.472 in
- (1) PreVent™ breather unit

Enclosure:

Molded FRP (NEMA 4X) enclosure with overlapping solid cover, stainless steel screws

Connectors:

Pluggable screw type, 12-28 AWG

Trimming:

Individual cell trim

Potentiometers:

100 k ohm, 25 turn cermet

Circuit Board:

5.7 in x 7.2 in with conformal coating

Warranty:

One-year warranty



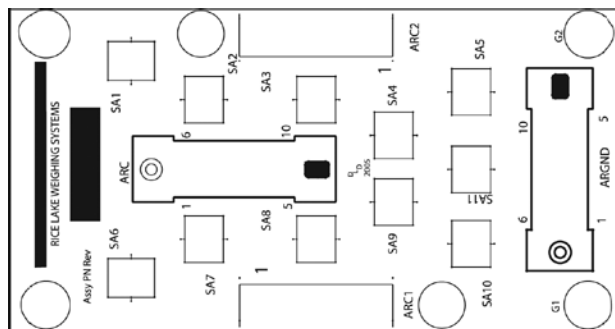
Part Number/Price

PART #	DESCRIPTION	PRICE
91783	JB8SPT signal trim junction box with transient protection	\$625.00
*89889	Board only	365.00
89894	Transient board	215.00
91785	Enclosure only	230.00

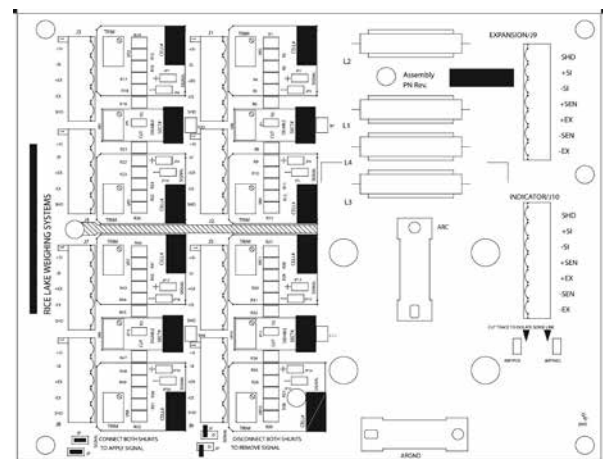
* For Rev. B and newer boards

Options/Accessories

PART #	DESCRIPTION	PRICE
92734	Coupling, 1/2 in NPT cord grip to 3/4 in NPT conduit fitting	\$25.00
92735	Coupling, 3/8 in NPT cord grip to 3/4 in NPT conduit fitting	25.00



Transient Board



Load Cell Board

EL304A

Signal Trim Junction Box

Standard Features:

- NEMA 4X Fiberglass-Reinforced Polyester (FRP) enclosure
- Strain relief cable fittings
- Individual cell signal disconnect switches
- Number of cells: 2 to 4 single cells (even number of cells only)
- Expansion port

Applications:

- Livestock scales
- Tank and vessel weighing
- Corner and/or section trim applications

Specifications:

Cable Fittings:

- 4 nylon cable strain reliefs 0.079-0.236 in (2.0-6.0 mm)
- 2 nylon cable strain reliefs 0.236-0.354 in (6.0-9.0 mm)

Connectors:

Electrovert 0.197 in (5.0 mm) miniature screw terminals. Maximum wire size # 14 AWG

Trimming:

Individual cell and section, signal trim

Potentiometers:

100k ohms, 25-turn cermet

Enclosure:

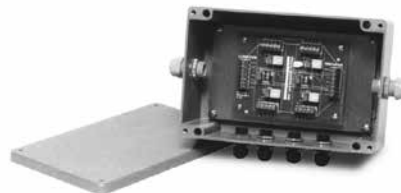
FRP NEMA 4X, 40 PSI washdown

Circuit Board:

5.5 x 4 in (139.7 x 101.6 mm) with anti-fungal coating

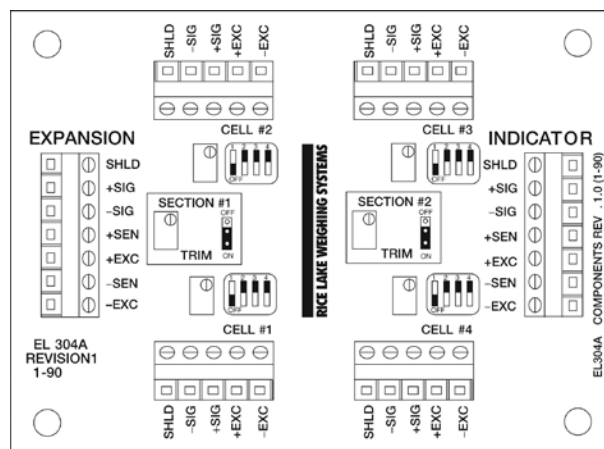
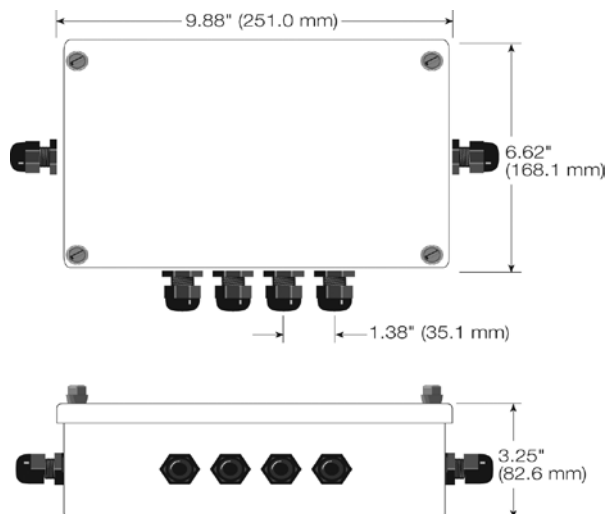
Warranty:

One-year limited warranty



Part Number/Price

PART #	DESCRIPTION	PRICE
21169	EL304A signal trim 4-channel junction box	\$295.00
21301	Board only	215.00



JB1010

Signal/Excitation Trim Junction Box with Transient Protection

Standard Features:

- NEMA 4X Fiberglass-Reinforced Polyester (FRP) enclosure
- Transient protection
- Signal or excitation trim
- Front panel mounting
- Strain relief cable fittings
- Number of cells: 1 through 10 with expansion
- Trims odd numbers of cells without modification

Applications:

- Tank, truck, railroad, hopper and floor scales
- Universal field replacement of existing boxes
- Expansion of existing scales

Specifications:

Mounting Centers:

3.75 x 2.31 in (95.2 x 58.7 mm)

Cable Fittings:

Nylon waterproof strain-relief type

Cable Diameter:

0.079-0.314 in (2.0-8.0 mm)

Trimming:

Individual cell and section signal and excitation trimming

Terminal Block:

Rated 300V/15A; 7-position screw terminal can each accommodate up to #16 AWG

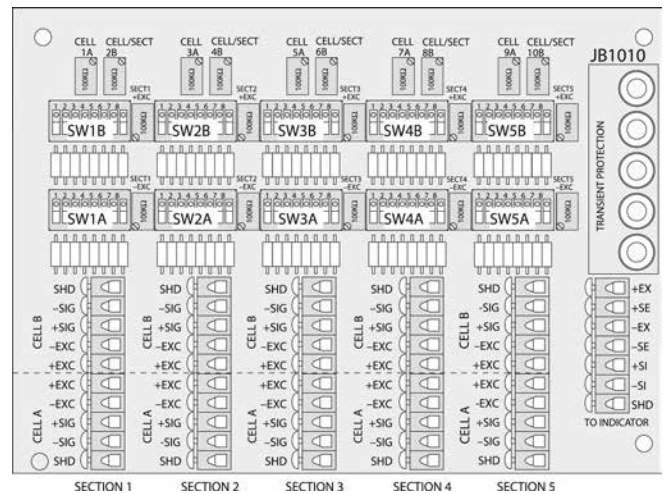
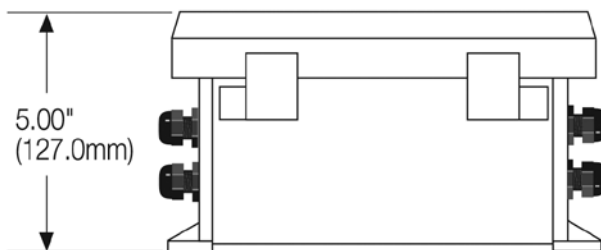
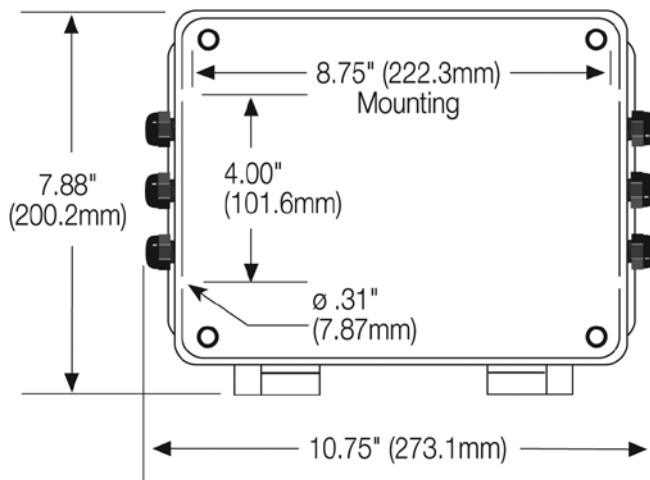
Warranty:

One-year limited warranty



Part Number/Price

PART #	DESCRIPTION	PRICE
36231	JB1010 signal/excitation trim junction box	\$650.00
36351	Board only	455.00



JB1010ST

Signal Trim Junction Box with Transient Protection

Standard Features:

- NEMA 4X stainless steel enclosure
- Transient protection using gas discharge tubes
- Section and individual cell trim capability
- Compact enclosure only 1.75 in deep
- Strain relief cable fitting
- Number of cells: 2, 4, 6, 8 or 10 single load cells
- Any unused channels require modification

Applications:

- Tank, truck and railroad scales
- Summing 10 load cells with individual and section trimming capability

Specifications:

Cable Fittings:

11 nylon cable strain relief for cable dimension range: 0.079 to 0.314

Connectors:

Electrovert 0.197 miniature screw terminals, 5-positions
 Maximum wire size: # 14 AWG
 External enclosure ground stud

Trimming:

Individual cell and section signal trim

Potentiometers:

100 k Ω, 25 turns cermet

Enclosure:

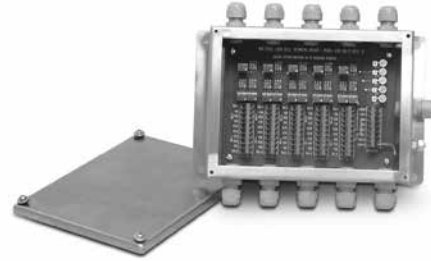
Stainless steel

Circuit Board:

6.5 x 4.5 in (165.1 x 114.3 mm)

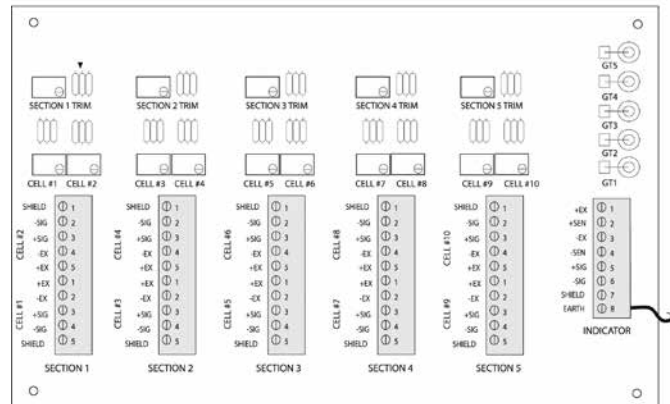
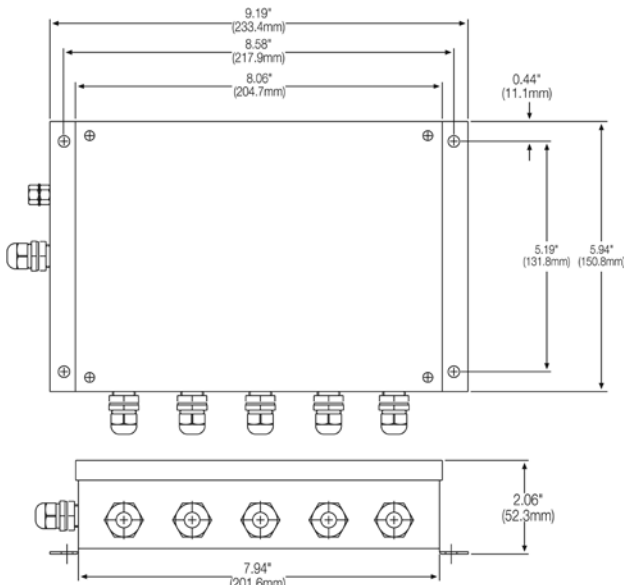
Warranty:

One-year limited warranty



Part Number/Price

PART #	DESCRIPTION	PRICE
68813	JB 1010ST signal trim junction box	\$575.00
68811	Board only	435.00



Replacement Junction Boxes, Boards or Components

MODEL	COMPLETE J-BOX REPLACEMENT	REPLACEMENT BOARD ONLY	REPLACEMENT CORD GRIPS	Replacement Pressure & Condensation Vent	DESICCANT PACKS
JB4SS	88956 \$235.00	88958 \$150.00	58983=PG7, \$4.00 59001=PG11 \$3.70	88733 PreVent™ breather (vent) \$22.00 88734 (vent nut) \$1.05	92240 \$1.10
JB4ES	91779 \$235.00	89446 \$150.00	58983=PG7, \$4.00 59001=PG11 \$3.70	88733 PreVent™ breather (vent) \$22.00 88734 (vent nut) \$1.05	92240 \$1.10
JB4SP JB4SPT	91780 \$255.00 92762 \$445.00	88958 (load cell) \$150.00 & 89894 (transient protection) \$215.00	58983=PG7, \$4.00 59001=PG11 \$3.70	88733 PreVent™ breather (vent) \$22.00 88734 (vent nut) \$1.05	16039 \$2.00
JB4EP JB4EPT	91781 \$255.00 92763 \$445.00	89446 (load cell) \$150.00 & 89894 (transient protection) \$215.00	58983=PG7, \$4.00 59001=PG11 \$3.70	88733 PreVent™ breather (vent) \$22.00 88734 (vent nut) \$1.05	16039 \$2.00
EL204	73428 \$185.00	88958 \$150.00	N/A	N/A	N/A
JB8SP	91782 \$425.00	**89889 \$365.00	15655 (cord grip) \$2.10 & 15656 (nut) \$1.05 =3/8" NPT 15628 (cord grip) \$4.00 & 15630 (nut) \$3.00 =1/2" NPT	88733 PreVent™ breather (vent) \$22.00 88734 (vent nut) \$1.05	16039 \$2.00
JB8SPT	91783 \$625.00	89889 (load cell) \$365.00 & 89894 (transient protection) \$215.00	15655 (cord grip) \$2.10 & 15656 (nut) \$1.05 =3/8" NPT 15628 (cord grip) \$4.00 & 15630 (nut) \$3.00 =1/2" NPT	88733 PreVent™ breather (vent) \$22.00 88734 (vent nut) \$1.05	16039 \$2.00
EL304A	21169 \$295.00	21301 \$215.00	N/A	N/A	N/A
JB1010	36231 \$650.00	36351 \$455.00	N/A	N/A	N/A
JB1010ST	68813 \$575.00	68811 \$435.00	N/A	N/A	N/A
EL210	91781, JB4EP* \$255.00	92472 \$155.00	58983=PG7, \$4.00 59001=PG11 \$3.70	N/A	N/A
EL211A	91780, JB4SP (However the board does not have section trim capabilities)* \$255.00	92473, \$160.00 (However the board does not have section trim capabilities)	58983=PG7, \$4.00 59001=PG11 \$3.70	N/A	N/A
EL604-AL	88956, JB4SS* \$235.00	88958 \$150.00	58983=PG7, \$4.00 59001=PG11 \$3.70	N/A	N/A
EL604STA	88956, JB4SS* \$235.00	88958 \$150.00	58983=PG7, \$4.00 59001=PG11 \$3.70	N/A	N/A
EL604ETA	91779, JB4ES* \$235.00	89446 \$150.00	58983=PG7, \$4.00 59001=PG11 \$3.70	N/A	N/A
EL504	21165 \$325.00	21296 \$255.00	N/A	N/A	N/A
JB808S	91782, JB8SP* \$425.00	92471 \$385.00	15655 (cord grip) \$2.10 & 15656 (nut) \$1.05 =3/8" NPT 15628 (cord grip) \$4.00 & 15630 (nut) \$3.00 =1/2" NPT	N/A	N/A
JB818ST	91783, JB8SPT* \$625.00	Need (1) 77445 \$55.00 (1) 89889 \$365.00, & (1) 89894 \$215.00	15655 (cord grip) \$2.10 & 15656 (nut) \$1.05 =3/8" NPT 15628 (cord grip) \$4.00 & 15630 (nut) \$3.00 =1/2" NPT	N/A	N/A

*See catalog pages for enclosure dimensions **Can only be used with Rev. B and newer board

iQUBE 2®

Digital Diagnostic Junction Box

Standard Features:

- iQUBE board has four A/D channels
- NEMA 4X polyester or stainless steel enclosure
- Supports networking up to four boards, for 16 A/D channels. Connection can be up to four separate platforms with a system total, or four separate scales systems
- Diagnostic routines for weighing errors and system health
- Cell tests for overloaded, underloaded, zero reference, drift, noise, and unbalanced conditions
- Onboard status LED's for communications and visual bi-color indication of cell health
- Cell Emulator compensates for load cell failure until a repair can be made
- Cal-Match® algorithm automatically trims and calibrates the scale in one pass of test weights (stopping over each mount)
- Standard communication RS-232/RS-422 Option card slot for Fiber Optic, Ethernet TCP/IP or Wireless TPC/IP
- Four digital I/O per card, for push button operation, set point control, or cell status

Applications:

- Mission critical weighing processes, including:
- Truck and railroad track scales
- Tank and hopper scales
- Multi-channel scales

Specifications:

Enclosure:

NEMA 4X FRP or stainless steel

Voltage Input:

115/230V AC power supply DC/DC converter for 9-36V
6-12V DC to CPU

Load Cell Inputs:

4 channels per board up to 4 networked boards

A/D Sampling Rate:

2.5-500 Hz (selectable)

Temperature Range:

14°F to 104°F (-10°C to 40°C)

Analog signal sensitivity:

0.3 uV/grad at 30 Hz
0.5 uV/grad at 100 Hz
1.2 uV/grad at 500 Hz

Load Cell Excitation:

5V DC, 57 mA maximum per channel

Analog range:

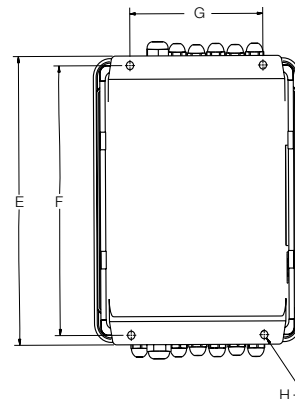
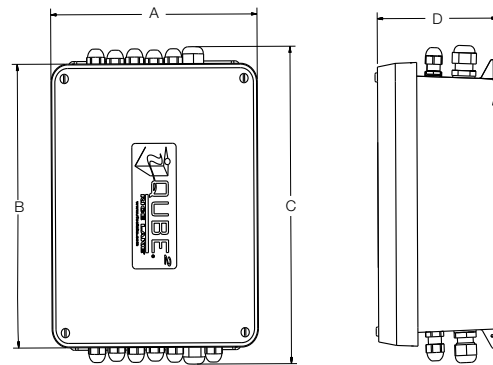
-4.5 mV/V to +4.5 mV/V

Approvals:

NTEP 03-032A1
Measurement Canada - AM-5561, Rev. 1
UL E151461
CE

Warranty:

Two-year limited warranty



DIMENSIONS			
Stainless Steel 8 in x 10 in			
A	8.91 in (226.3 mm)	E	11.50 in (292.1 mm)
B	10.13 in (257.3 mm)	F	10.75 in (268.5 mm)
C	12.57 in (319.3 mm)	G	6.00 in (152.4 mm)
D	4.29 in (109 mm)	H	0.312 in (7.9 mm)
FRP Large 10 in x 12 in			
A	11.30 in (287 mm)	E	13.53 in (343.7 mm)
B	13.33 in (338.6 mm)	F	12.76 in (324.1 mm)
C	14.00 in (355.6 mm)	G	8.00 in (203.2 mm)
D	5.57 in (141.5 mm)	H	0.312 in (7.9 mm)
FRP Small 8 in x 10 in			
A	9.31 in (236.5 mm)	E	11.51 in (287.2 mm)
B	11.31 in (287.2 mm)	F	10.75 in (273.1 mm)
C	12.85 in (326.4 mm)	G	6.00 in (152.4 mm)
D	5.42 in (137.7 mm)	H	0.312 in (7.9 mm)

Part Number/Price

PART #	DESCRIPTION	EST. SHIP WEIGHT	PRICE
With AC Power Supply			
108425*	iQUBE2, 4-channel, FRP 8 in x 10 in junction box	9 lb	\$1,025.00
108426	iQUBE2, 4-channel, FRP 10 in x 12 in junction box	11 lb	1,175.00
108427	iQUBE2, 8-channel, FRP 10 in x 12 in junction box	11 lb	1,900.00
108428*	iQUBE2, 4-channel, stainless steel 8 in x 10 in junction box	13 lb	1,425.00
Without Power Supply			
108429*	iQUBE2, 4-channel, FRP 8 in x 10 in junction box	8 lb	925.00
108430	iQUBE2, 4-channel, FRP 10 in x 12 in junction box	10 lb	1,075.00
108431	iQUBE2, 8-channel, FRP 10 in x 12 in junction box	10 lb	1,800.00
108432*	iQUBE2, 4-channel, stainless steel 8 in x 10 in junction box	12 lb	1,325.00
Conduit Adapters			
92734	Conduit adapter 3/8 NPT to 3/4 NPT		25.00
92735	Conduit adapter 1/2 NPT to 3/4 NPT		25.00

Enclosure size 8 x 10 in required for truck scale j-box pocket

Options/Accessories

PART #	DESCRIPTION	PRICE
108433	Four channel iQUBE2 board with cables and connectors	\$725.00
97475	DC/DC power supply, 9-36V DC (requires factory installation)	155.00
108434	Remote power supply 115/230V AC and transient board with enclosure	250.00
109396	Transient board	65.00
110949	Transient board with mount	80.00
112979	Digi XTend radio, 900 MHz, high data throughput	895.00
161936	Hotspot WiFi 802.11 a, b, g	1,195.00
161954	Hotspot in FRP enclosure	2,245.00
Communication Card		
108579	RS-232/RS-485 port	260.00
77142	Ethernet TCP/IP	400.00
108671	Wireless LAN 802.11 B/G	570.00
93245	USB port	160.00
77143	Fiber Optic board	200.00
77788	Fiber Optic board (installed in 920i)	200.00
Duplex Fiber (Max Run 350 ft)		
78026	Fiber Optic cable, 100 ft	135.00
78027	Fiber Optic cable, 200 ft	270.00
78910	Fiber Optic cable, custom length	1.35/ft
Home Run Cable		
116587	EL 166 16 gauge, 6 conductor, shielded	2.65/ft
Software		
77925	Revolution® Configuration Software	35.00
108435	Virtui2® Virtual Indicator Demo CD	n/c
108436	Virtui2 Activation part number	500.00
112262	Firmware update flash cable	50.00
920i Indicators for use with iQUBE2, requires version 4 software		
77790	920i Universal, 115V AC, without A/D	1,750.00
77791	920i Universal, 230V AC, without A/D	1,750.00
93243	920i Deep Universal, 115V AC, without A/D	1,950.00
93244	920i Deep Universal, 230V AC, without A/D	1,950.00
77792	920i Panel Mount, 115V AC, without A/D	1,750.00
77793	920i Panel Mount, 230V AC, without A/D	1,750.00
77794	920i Wall Mount, 115V AC, without A/D	2,350.00
77795	920i Wall Mount, 230V AC, without A/D	2,350.00

Sample Configurations*

*Not an actual system—illustrates connectivity



Fiber Optic Transceiver
RS-232/RS-422/RS-485
Ethernet TCP/IP
Wireless Ethernet

EL168

1-Cell Junction Box

Standard Features:

- Non-metallic PVCX enclosure with separate input and output cable fittings
- No soldering, compression or swagged fittings are required

Applications:

- For splicing or extending load cell cable

Specifications:

Dimensions:

4 W x 4 L x 2.5 in D

Mounting Centers:

3.75 in x 2.31 in (95.2 mm x 58.7 mm)

Cable Fittings:

Nylon waterproof strain-relief type

Cable Diameter:

0.079 in-0.314 in (2.0 mm-8.0 mm)

Terminal Block:

Rated 300V/15A; 7-position, screw terminal can each accommodate up to # 16 AWG

Warranty:

One-year limited warranty



Part Number/Price

PART #	DESCRIPTION	PRICE
21161	EL168 1-cell junction box	\$66.00

TP75 DC

Transient Protection

Standard Features:

- Avalanche diode design
- Full 6-wire with shield protection
- NEMA 4X enclosure
- Unlimited number of parallel load cells; up to 8 in series
- Terminal lugs provided

Applications:

- Protects load cells and indicators from voltage transients
- Tank, bin and hopper
- Truck and railroad track scales
- Suitable for outdoor use

Specifications:

Protection Type:

6-channel series type with separate shield

Maximum Excitation Voltage:

22.8V DC

Response Time:

5 nanoseconds

Peak Surge Currents:

100 amps

Series Resistance:

0.0 ohms

Series Inductance:

0.0 μ h

Grounding:

10 AWG wire or larger (not provided)

Cable Fitting:

(2) nylon strain relief for 0.187 in-0.312 in (4.7 mm-7.9 mm) diameter cable

Enclosure:

Impact-resistant polycarbonate NEMA 4X, maximum 40 psi washdown

Operating Temperature:

4°F to 121°F (-20°C to 85°C)

Circuit Board Dimensions:

2.22 in x 2.22 in (56.4 mm x 56.4 mm)



Part Number/Price

PART #	DESCRIPTION	PRICE
33185	TP75 DC transient protection	\$225.00

Options/Accessories

PART #	DESCRIPTION	PRICE
31164	Circuit board only	\$170.00

UJB3T6 DC

Transient Protection

Standard Features:

- Factory serviceable
- Full 6-wire with shield protection
- #6 SEMS screw type; accepts spade lugs, tinned leads or bare wires up to #12 AWG
- Up to 8 parallel or summed load cells
- 50 k baud maximum transmission frequency
- Up to 6 serial data lines can be protected instead of load cells

Applications:

- Protects load cells from voltage transients
- Compatible with signals down to 1µVgrad
- Installations exposed to significant transients
- Protects serial communication lines

Specifications:

Protection Type:

6-channel series type with separate shield

Maximum Excitation Voltage:

20V DC or 20V AC

Clamping Voltage:

75V DC or 75V AC

Clamping Time:

75V DC Stages <100 nanoseconds typical

Peak Surge Currents:

75V DC Stage-5000 amperes

Maximum Serial Transmission Rate:

50 k baud

Series resistance:

0.219 ohms typical

Series inductance:

110 µh typical

Grounding:

20 ft (6.1 m) insulated # 10 AWG wire

Cable Fitting:

(2) nylon strain relief for 0.079-0.236 in (2.0-6.0 mm) diameter cable

Enclosure:

Fiberglass-Reinforced Polyester (FRP) NEMA 4X, maximum 40 psi washdown

Operating Temperature:

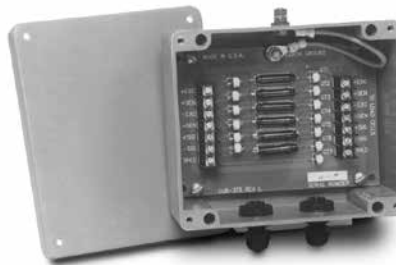
14°F to 104°F (-10°C to 40°C)

Circuit Board:

6.75 x 4.75 in (171.5 x 120.7 mm) with anti-fungal coating

Dimensions:

7.63 W x 6.63 H x 3.25 in D (193.8 W x 168.3 H x 82.6 mm D)

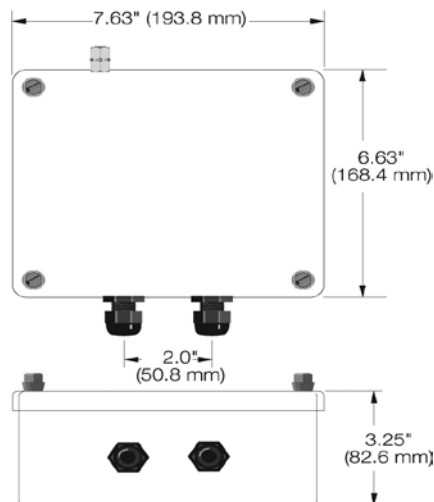


Part Number/Price

PART #	DESCRIPTION	PRICE
21134	UJB3T6	\$350.00

Options/Accessories

PART #	DESCRIPTION	PRICE
21135	6-channel load cell transient protector, board only	\$250.00



TP232 RS-232

High Energy Serial Protection

Standard Features:

- Two metal mounting brackets
- Three stages of protection: gas discharge tube, series resistor and Transient Voltage Suppressor (TVS)
- Two terminal posts for ground
- RS-232 high energy surge protector
- Terminal blocks for transmit, receive, request to send, clear to send and signal ground

Applications:

- Indicators
- Remote displays
- Printers
- Computers
- PLC

Specifications:

Clamping Voltage (Stage One):
72V DC minimum, 108V DC maximum

Series Resistance (Stage Two):
2.7 Ohms

Clamping Voltage (Stage Three):
14.3V minimum, 15.7V maximum

Clamping Time:
Less than 5×10^{-9} seconds

Connectors:
5 position terminal blocks

Dimensions:
Approximately 4.5 L x 3.3 W x 1.8 in H (114.3 L x 83.8 W x 45.7 mm H)

Weight:
Approximately 0.42 lb (0.19 kg)

Approvals:
CE marked



Part Number/Price

PART #	DESCRIPTION	PRICE
69201	TP232	\$175.00

Options/Accessories

PART #	DESCRIPTION	PRICE
17778	12 in Ground strap	\$10.25
17781	24 in Ground strap	13.25
69516	Additional installation manual	6.00

Ranger 1

Standard Features:

- ABS plastic case, weighs less than 1 lb
- Large vernier knob, smooth 10 turn potentiometer
- Ideal tool for troubleshooting a scale system, bench testing stability of indicators and setpoint simulation
- Binding posts are color coded to ISA S37.8 standard

Specifications:

Variable Range:

0-3 mV/V

Impedance:

700 ohms nominal

Connectors:

Binding posts suitable for banana plug or 14 gauge wire

Temperature Coefficient:

±100 ppm/ °C

Dimensions:

4.5 L x 3.5 W x 1.25 in H
(114.3 W x 88.9 H x 31.8 mm D)



Part Number/Price

PART #	DESCRIPTION	PRICE
68029	Ranger 1 Variable Range Simulator	\$145.00

Options/Accessories

PART #	DESCRIPTION	PRICE
21116	Cable with banana plugs	\$55.00

Ranger 3

Standard Features:

- ABS plastic case, weighs less than 1 lb
- Fixed rotary switch, -0.5 mV/V to 4.5 mV/V in 9 steps of .5 mV/V per step
- Ideal tool for calibrating the indicator A-D offset and gain setting
- A-D calibration steps for -0.5 mV/V for offset and 4.5 mV/V for gain
- Used in testing, troubleshooting and calibrating digital weight indicators
- Binding posts are color coded to ISA S37.8 standard

Specifications:

Fixed Steps:

-0.5 mV/V-4.5 mV/V range

Impedance:

350 ohms nominal

Nonlinearity:

Less than .02%

Connectors:

Binding posts-suitable for banana plug or 14 gauge wire

Temperature Coefficient:

±5 ppm/ °C

Dimensions:

4.5 L x 3.5 W x 1.25 in H
(114.3 W x 88.9 H x 31.8 mm D)



Part Number/Price

PART #	DESCRIPTION	PRICE
68030	Ranger 3 Calibration Simulator	\$360.00

Options/Accessories

PART #	DESCRIPTION	PRICE
21116	Cable with banana plugs	\$55.00

Transducer Simulator 4

Standard Features:

- Designed for high accuracy
- Sealed lid with neoprene o-ring. If secured properly, the Transducer Simulator 4 is completely waterproof
- Dustproof and crush tested to 500 lb
- Four operational modes including vernier adjustment, calibrated adjustment, 0.25 mV offset and 0.50 mV offset
- Ideal for setpoint or batching simulation

Specifications:

Maximum Voltage:

15V

Bridge Type:

175 ohm star

Linearity:

Less than $\pm .02\%$ full scale

Temperature Coefficient:

Absolute 5 ppm/ °C; Tracking less than 0.5 ppm/°C

Variable Ranges:

Choose any fixed setting ± 0.25 mV or 0.50 mV through a 10-turn wire-wound potentiometer with locking clutch

Load Factors:

Simulates 1, 2, 3, 4 or 8 350-ohm load cells or 2, 4, 6, 8 or 16 700-ohm load cells

Calibrated Offset:

+0.25 mV/V for use with digitally calibrated meters requiring positive dead load for calibration

Connectors:

Six-way binding posts, suitable for loose wires or banana jacks



Part Number/Price

PART #	DESCRIPTION	PRICE
22513	Simulator 4	\$725.00

Options/Accessories

PART #	DESCRIPTION	PRICE
21116	Cable with banana plugs	\$55.00

Ranger 5

Standard Features:

- ABS plastic case, weighs less than 1 lb
- Fixed rotary switch, -0.5 mV/V to 4.5 mV/V in 9 steps of .5 mV/V per step
- 10 turn vernier with locking graduated dial
- Vernier selection of 4 ranges: Off, Fine, Medium and Coarse
- Ideal tool for calibrating indicator A-D offset and gain setting
- A-D calibration steps for -0.5 mV/V for offset and 4.5 mV/V for gain
- Used in testing, troubleshooting and calibrating digital weight indicators
- Binding posts are color coded to ISA S37.8 standard

Specifications:

Fixed Steps:

-0.5 mV/V-4.5 mV/V range

Vernier:

Variable range: up to 0.5 mV/V, up to 1 mV/V, up to 1.5 mV/V

Impedance:

350 ohms nominal

Nonlinearity:

Less than .02%

Connectors:

Binding posts suitable for banana plug or 14 gauge wire

Temperature Coefficient:

± 5 ppm/ °C

Dimensions:

4.5 L x 3.5 W x 1.25 in H (114.3 W x 88.9 H x 31.8 mm D)



Part Number/Price

PART #	DESCRIPTION	PRICE
68031	Ranger 5 Calibration Simulator	\$460.00

Options/Accessories

PART #	DESCRIPTION	PRICE
21116	Cable with banana plugs	\$55.00

Ranger 7



Standard Features:

- Designed for high resolution
- Used in high precision testing, troubleshooting and calibrating of digital weight indicators
- Switchable offset
- Painted die cast enclosure

Specifications:

Vernier:

Two ranges; one is equal to the sum of the 0.05 mV/V switch and the 0-0.5 mV/V switch. The other is the sum of the 0.5 mV/V, 0.1 mV/V and 0.01 mV/V switches

Load Impedance:

Three settings: X0.5= 700Ω, X1= 350Ω (one standard load cell), X4= 87.5Ω (four load cell platform)

Linearity:

± 0.01% + 1µV

Connectors:

Low Thermal Electronics, Type 2758 precision gold plated binding posts Standard banana jacks or 14 AWG wire

Temperature Coefficient:

5 ppm/ °C

Zero Offset:

± 0.0005 mV/V

Output Range:

0-3 mV/V in 0.01 mV/V steps

LED Annunciators:

- EXC +
- EXC -
- Offset ON
- 0.5 mV/V
- 0.1 mV/V



Part Number/Price

PART #	DESCRIPTION	PRICE
157323	Ranger 7 High Resolution Calibration Simulator	\$680.00

Options/Accessories

PART #	DESCRIPTION	PRICE
21116	Cable with banana plugs	\$55.00

Notes

A series of horizontal lines intended for taking notes.

Worldwide Service



India

Netherlands

Mexico

Alabama, USA

Connecticut, USA

Nevada, USA

Washington, USA

Wisconsin, USA

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WIRING GUIDE

MANUFACTURER	MODELS	EXCITATION		SIGNAL		SHIELD	SENSE	
		+	-	+	-		+	-
ALLEGANY TECHNOLOGY		● Green	● Black	● Red	○ White	• Bare		
ARTECH		● Red	● Black	● Green	○ White	• Bare		
COTI		● Green	● Black	○ White	● Red			
BEOWULF		● Green	● Black	○ White	● Red	• Bare		
VISHAY BLH	C2P1, C3P1, T2P1, T3P1	● Green	● Black	○ White	● Red	● Yellow		
CARDINAL	CB6, SCA, LFB, SB, SP	● Green	● Black	● Red	○ White	• Bare		
	DB, TSP, TB	● Red	● Black	● Green	○ White	• Bare		
VISHAY CELTRON	PSD, SEB, LCD, CSB, DSR, LOC, SQB, STC, STC SS, DSR, CLB, HED, DLB, SQB, HSS, HTC SS, MBB	● Red	● Black	● Green	○ White	• Bare		
	LPS	● Red	● Blue	● Green	○ White	• Bare		
	HOC	● Green	● Black	● Red	○ White	• Bare	● Blue	● Brown
DIGI TERAOKA		● Red	○ White	● Green	Yellow	• Bare	● Blue	● Orange
DILLON	Canister Cell, Tension	● Green	○ White	● Black	● Red	● Orange		
	Compression	○ White	● Green	● Black	● Red	● Orange		
	Z-Cell	● Red	● Black	○ White	● Green	● Orange		
ELECTROSCALE		● Red	● Black	● Green	White	• Bare		
FLINTEC (FLINTAB)	PC1, PC2, PC6, RC1, SB4, SB5, SB6, SB14, SLB, UB1, UB6, SB10, PCB, BK2, RC3	● Green	● Black	○ White	● Red	● Yellow		
FORCE MEASUREMENT		● Red	● Black	● Green	○ White	• Bare		
GSE		● Red	● Black	○ White	● Green	• Bare		
HBM	BLC, BLF, JRT, PWS, RSC, SBF, SB3, USB, U1T, H35, THC	● Green	● Black	○ White	● Red	● Yellow		
	BBS	● Green	● Black	○ White	● Red	• Bare		
	PLC, B35, A35, S35	● Red	● Black	● Green	○ White	● Yellow		
	SP10, PWS, PWSM	● Green	● Black	○ White	● Red	● Yellow	● Orange	● Blue
	PW12, PW16, C16, PW15AH, PW15, Z6, SP4	● Blue	● Black	○ White	● Red	● Yellow	● Green	○ Grey
INTERFACE	SSM, 1200, 3200	● Red	● Black	● Green	○ White	• Bare		
KUBOTA		● Red	○ White	● Green	● Blue	● Yellow		
METTLER TOLEDO		● Green	● Black	○ White	● Red	● Yellow		
NATIONAL		● Green	● Black	○ White	● Red	● Yellow		
NCI		● Red	● Black	○ White	● Green	• Bare		
PENNSYLVANIA	Various color code combinations							
PHILLIPS/GWT		● Red	● Blue	● Green	Grey	• Bare		
VISHAY REVERSE	62U, 63U, 363, 953, 9523, 9363	● Red	● Black	● Green	○ White	• Bare		
	92, 93, 42U, 43U, 263D, 462, 5102, 5103, 5123, 5223, 5723, 6762, 9102, 9103, 9123, 9523, 9223, 9803, 9323, 9423	● Red	● Black	● Green	○ White	○ Clear		
	392B, 642, 652, 692B, BSP, HPS, USP1	● Green	● Black	○ White	● Red	• Bare		
	792, 933, SHB, SSB	● Green	● Black	○ White	● Red	○ Clear		
	CP, CSP	● Green	● Black	○ White	● Red	○ Clear		
	RLC	○ Pink	○ Grey	● Brown	○ White	● Bare		
RICE LAKE WEIGHING SYSTEMS	RL20000, RL20000SS, RL20001, RL20001HE, RL30000, RL35023, RL35023S, RL35082, RL35083, RL39123, RL39523, RL50210, RL65044, RL70000, RL75016, RL75016SS, RL75040A, RL75058, RL75060S, RL75223, RL90000, RLE1B, RLE1TS, RLHSS, RLMK4, RL20000ST, RL75016WHE, RL60040SST, RLS3030, RLS1000, RL2200, RL70000SS, RL71000HE, RL50210SS	● Red	● Black	● Green	○ White	• Bare		
	RLMK15, RLMK21, RL72010MH	● Red	● Black	● Green	○ White	● Orange		
	RLMK1	● Red	● Black	○ White	● Green	● Orange	● Yellow	● Blue
	RL1521A	● Green	● Black	● Red	○ White	• Bare		
	RL40BBS, RLBLC, RLSB2, RLSB2L, RLSB2M, RLSB2MLW, RLSB250, RLSSB, RL9000TWM, RL75114, RLSCA, RLBLP, RL9000TWM-HT	● Green	● Black	○ White	● Red	● Orange		
	RL8C2P1SS, RLCSPP1, RL75000SS, RL30745	● Green	● Black	○ White	● Red	● Orange		
	RL1380, RL1385, RLH35, RL30745, RLPC6	● Green	● Black	○ White	● Red	● Yellow		
	RL1010, RL1040, RL1042, RL1140, RL1250, RL1260, RLSP4, RLPWM12, RLPWM16	● Green	● Black	● Red	○ White	• Bare	● Blue	● Brown
	RLPCB-60	● Green	● Black	○ White	● Red	● Yellow	● Blue	● Brown
	RLHBB, RLHTO, RLPWM15HE, RLPWM15	● Blue	● Black	○ White	● Red	• Bare	● Green	○ Grey
	RL32155	○ White	● Blue	● Green	● Black	● Orange	● Yellow	● Red
SENSOTEC		● Red	● Black	White	● Green	• Bare		
VISHAY SENSORTRONICS	60001, 60008, 60018, 60030, 60036, 60040, 60048, 60048SS, 60050, 60051, 60060, 60060-0101, 60063, 65007, 65016, 65016SS, 65016W, 65016WH, 65023, 65023S, 65023SS, 65024, 65040A, 65040A-1127W, 65040S, 65058, 65058S, 65061A, 65083, 65083S, 65114	● Red	● Black	● Green	○ White	• Bare		
	60007, 60064	● Green	● Black	○ White	● Red	• Bare		
	65088-1000, 65088-1114	● Green	● Black	○ White	● Red	● Orange		
STRAINERT		● Red	● Black	● Green	○ White	• Bare		
VISHAY TEDEA-HUNTLEIGH	4158	● Red	● Black	● Green	○ White	• Bare		
	3411, 3421	● Red	● Black	● Green	○ White	• Bare	● Blue	● Brown
	240, 1010, 1022, 1040, 1042, 1140, 1250, 1260, 1320, 9010, 605, 1030, 1240, 1241, 9010, 1130, 1030, 1240, 1241, 1320, 1510	● Green	● Black	● Red	○ White	• Bare	● Blue	● Brown
	355, 620, 3510-LB, 3510-KG	● Blue	● Black	○ White	● Red	• Bare	● Green	○ Grey
WEIGH-TRONIX		● Green	● Black	○ White	● Red	○ White ● Orange		

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