

### 3-Pin Threaded M8/Pico-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 24 AWG, gold-plated contacts  
**Voltage/Current Rating:** 125V ac/dc, 4.0 A  
**Temperature:** -40° to +105° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	2.00 m	PKG3M-2	4.40 mm		<p><b>Female</b></p> <p>1 = Brown 3 = Blue 4 = Black</p>	<ul style="list-style-type: none"> <li>• Q12</li> <li>• T8</li> <li>• SB12</li> <li>• VSM</li> <li>• VS1</li> <li>• VS2</li> <li>• VS3</li> <li>• SLM</li> <li>• IP68 Sealed Ring Lights (nickel-plated)</li> <li>• On-Axis Lights</li> </ul>
	5.00 m	PKG3M-5				
	7.00 m	PKG3M-7				
	9.00 m	PKG3M-9				
	10.0 m	PKG3M-10				
Right-Angle	2.00 m	PKW3M-2	4.40 mm		<p><b>Female</b></p> <p>1 = Brown 3 = Blue 4 = Black</p>	<ul style="list-style-type: none"> <li>• IP68 Sealed Ring Lights (nickel-plated)</li> <li>• On-Axis Lights</li> </ul>
	5.00 m	PKW3M-5				
	9.00 m	PKW3M-9				

### 3-Pin Threaded M8/Pico-Style Cordsets

**Cable:** PVC jacket and connector body, stainless steel coupling nut  
**Conductors:** 24 AWG, gold-plated contacts  
**Voltage/Current Rating:** 125V ac/dc, 4.0 A  
**Temperature:** -40° to +90° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	4.00 m	PKG3M-4	4.40 mm		<p><b>Female</b></p> <p>1 = Brown 3 = Blue 4 = Black</p>	<ul style="list-style-type: none"> <li>• IP68 Sealed Ring Lights (stainless steel)</li> </ul>
	7.00 m	PKG3M-7				
	10.0 m	PKG3M-10				

### 3-Pin Threaded/Snap M8/Pico-Style Cordsets – Double Ended

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass (female) and nylon/nickel-plated brass (male) coupling nuts  
**Conductors:** 24 AWG, gold-plated contacts  
**Voltage/Current Rating:** 125V ac/dc, 4.0 A  
**Temperature:** -40° to +105° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	0.35 m	PKG3M-.35-PSG3M	4.40 mm		<p><b>Female</b></p> <p>1 = Brown 3 = Blue 4 = Black</p>	<ul style="list-style-type: none"> <li>• IP68 Sealed P4 (connect IP68 Sealed Ring Light to P4)</li> </ul>
	2.00 m	PKG3M-2-PSG3M				

### 3-Pin Threaded M8/Pico-Style Splitter Cordset—Flat Junction

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass (female) and nylon/nickel-plated brass (male) coupling nuts

**Conductors:** 24 AWG, gold-plated contacts



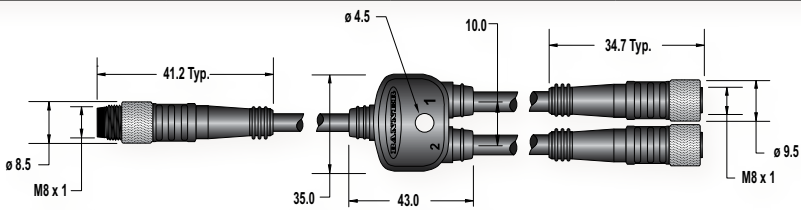
**Voltage/Current Rating:** 125V ac/dc, 4.0 A

**Temperature:** -40° to +105° C

**Environmental Rating:**

**Wiring:** Parallel wired Y-cords

#### Connections

Model	Branches	Trunk	Cable Diameter	Pinout	Used With
CSB-M831M831	3-Pin Pico QD 2 x 0.20 m Female	0.20 m Male	4.40 mm	<p><b>Female</b></p>  <p><b>Male</b></p>  <p>1 = Brown 3 = Blue 4 = Black</p>	<ul style="list-style-type: none"> <li>• Connect P4 to two lights</li> <li>• Spot Lights</li> <li>• Area Lights</li> <li>• Backlights</li> </ul>
Dimensions (mm)					
					

### 3-Pin M8/Pico-Style and 4-Pin M12/Euro-Style to Flying Leads Splitter Cordset—Flat Junction

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

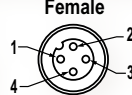
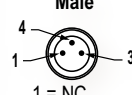
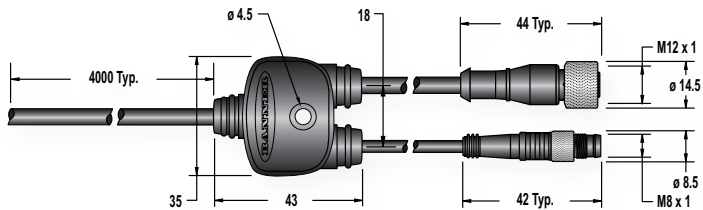
**Conductors:** 24 AWG (3-pin) or 22 AWG (4-pin), gold-plated contacts

**Voltage/Current Rating:** 250V ac/300V dc, 4.0 A

**Temperature:** -40° to +105° C

**Environmental Rating:** IP67

#### Connections

Model	Branches	Trunk	Cable Diameter	Pinout	Used With
CSB-UNT213M831F1241	3-Pin Pico QD 0.3 m Male 4-pin Euro QD 0.3 m Female	Flying Leads 4 m	4.40 mm (branches) 5.50 mm (trunk)	<p><b>Female</b></p>  <p>1=Brown 2=White 3=Blue 4=Black</p> <p><b>Male</b></p>  <p>1 = NC 3 = Blue 4 = Black</p>	<ul style="list-style-type: none"> <li>• P4 to High Intensity Area Lights (to strobe from P4)</li> </ul>
Dimensions (mm)					
					

### 4-Pin Snap-on M8/Pico-Style Cordsets

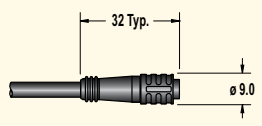
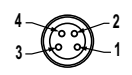
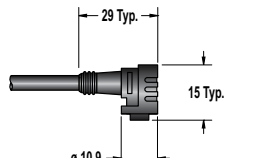
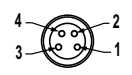
**Cable:** PVC jacket, PUR (polyurethane) connector body, nylon coupling nut

**Conductors:** 26 AWG, gold-plated contacts

**Voltage/Current Rating:** 125V ac/dc, 2.0 A

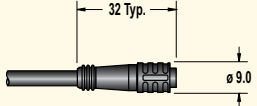

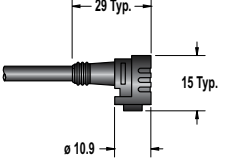
**Temperature:** -40° to +90° C

**Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	2.00 m	PKG4-2	3.20 mm		<p><b>Female</b></p>  <p>1 = Brown 2 = White 3 = Blue 4 = Black</p>	<ul style="list-style-type: none"> <li>• QS18</li> <li>• Q20</li> <li>• D12</li> <li>• D10A</li> <li>• S12</li> </ul>
Right-Angle	2.00 m	PKW4Z-2	3.20 mm		<p><b>Female</b></p>  <p>1 = Brown 2 = White 3 = Blue 4 = Black</p>	

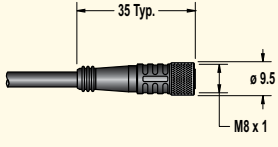
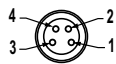
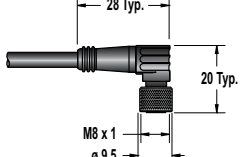
### 4-Pin Snap-On M8/Pico-Style Cordsets with Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nylon or PUR coupling nut  
**Conductors:** 26 AWG (shielded), gold-plated contacts  
**Voltage/Current Rating:** 125V ac/dc, 2.0 A  
**Temperature:** -40° to +90° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	2.00 m	PKG4S-2	4.40 mm		<p><b>Female</b></p>  <p>1 = Brown                  2 = White                  3 = Blue                  4 = Black</p>	• QS18U
Right-Angle	2.00 m	PKW4ZS-2	4.40 mm		<p>1 = Brown                  2 = White                  3 = Blue                  4 = Black</p>	

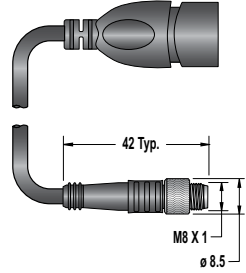

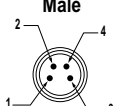
### 4-Pin Threaded M8/Pico-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) body, nickel-plated brass coupling nut  
**Conductors:** 26 AWG, gold-plated contacts  
**Voltage/Current Rating:** 125V ac/dc, 2.0 A  
**Temperature:** -40° to +105° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	2.00 m	PKG4M-2	3.80 mm		<p><b>Female</b></p>  <p>1 = Brown                  2 = White                  3 = Blue                  4 = Black</p>	• Q12 • Q20
	5.00 m	PKG4M-5				
	9.00 m	PKG4M-9				
Right-Angle	2.00 m	PKW4M-2	4.30 mm		<p>1 = Brown                  2 = White                  3 = Blue                  4 = Black</p>	
	5.00 m	PKW4M-5				
	9.00 m	PKW4M-9				

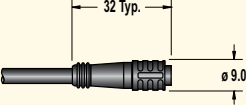
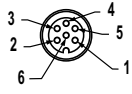
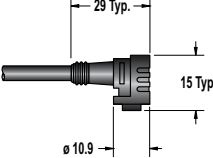
### 4-Pin Threaded M8/Pico-Style to USB Cordsets with Shield—Double Ended

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut on Pico QD end  
**Conductors:** 28 AWG and 24 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60V ac/75V dc, 2.0 A  
**Temperature:** -40° to +105° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight Pico QD/USB	0.15 m	PSG-4M-4005-USB	4.80 mm		<p><b>USB</b></p>  <p>1 = Red 3 = Green                  2 = White 4 = Black</p>	<ul style="list-style-type: none"> <li>• iVu TG &amp; BCR — Remote Touch Screen models</li> <li>• iVu Plus— Remote Touch Screen models</li> </ul>
	0.30 m	PSG-4M-401-USB				
	0.91 m	PSG-4M-403-USB				
	3.05 m	PSG-4M-410-USB				
	4.88 m	PSG-4M-416-USB				
				<p><b>Male</b></p>  <p>1 = Red 3 = Black                  2 = White 4 = Green</p>		

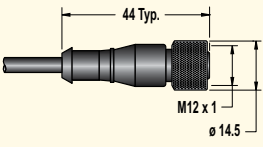
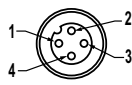
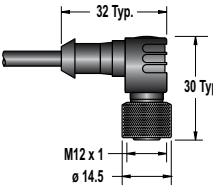
## 6-Pin Snap-On M8/Pico-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nylon or PUR coupling nut  
**Conductors:** 26 AWG (shielded), gold-plated contacts  
**Voltage/Current Rating:** 125V ac/dc, 2.0 A  
**Temperature:** -40° to +90° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	2.00 m	PKG6Z-2	4.70 mm		<b>Female</b> 	• D10
	9.00 m	PKG6Z-9				
Right-Angle	2.00 m	PKW6Z-2	4.70 mm		1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray 6 = Pink	
	9.00 m	PKW6Z-9				

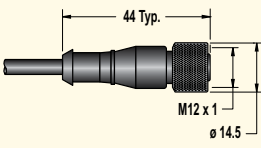
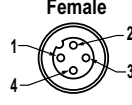
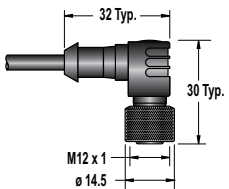
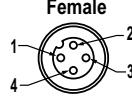
## 4-Pin Threaded M12/Euro-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 250V ac/dc, 4.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67/IP69K

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQDC-406	5.20 mm		<b>Female</b> 	<ul style="list-style-type: none"> <li>• Q12</li> <li>• M12</li> <li>• QS18</li> <li>• Q20</li> <li>• OMNI-BEAM (QDH suffix)</li> <li>• Q45 dc sensors (Q5 suffix)</li> <li>• MINI-BEAM dc SM312 sensors</li> <li>• S18, M18, T18, Q25, S30, T30, Q40</li> <li>• TM18/TM18 <i>Expert</i></li> <li>• QM42/QMT42</li> <li>• QL50/QL51</li> <li>• SLM</li> <li>• R58A</li> <li>• T18U</li> <li>• T30UX</li> <li>• TL50/TL30F</li> <li>• K50</li> <li>• K80</li> <li>• PVA</li> <li>• VTB</li> <li>• STB with solid-state relay</li> <li>• EZ-LIGHT</li> <li>• WL50</li> <li>• WLS28</li> </ul>
	4.57 m	MQDC-415				
	9.14 m	MQDC-430				
	15.2 m	MQDC-450				
Right-Angle	1.83 m	MQDC-406RA	5.20 mm		1 = Brown 2 = White 3 = Blue 4 = Black	
	4.57 m	MQDC-415RA				
	9.14 m	MQDC-430RA				
	15.2 m	MQDC-450RA				

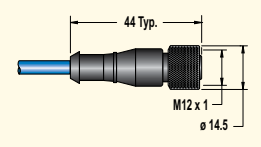
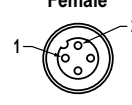
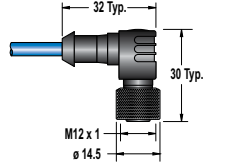
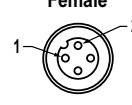
## 4-Pin Threaded M12/Euro-Style Cordsets with Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG (shielded), gold-plated contacts  
**Voltage/Current Rating:** 250V ac/dc, 4.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQDEC2-406	5.20 mm		 <p><b>Female</b></p> <p>1 = Brown 2 = White 3 = Blue 4 = Black</p>	• QS18U
	4.57 m	MQDEC2-415				
	9.14 m	MQDEC2-430				
Right-Angle	1.83 m	MQDEC2-406RA	5.20 mm		 <p><b>Female</b></p> <p>1 = Brown 2 = White 3 = Blue 4 = Black</p>	• QS18U
	4.57 m	MQDEC2-415RA				
	9.14 m	MQDEC2-430RA				

## 4-Pin Threaded M12/Euro-Style Cordsets (for use with NAMUR sensors)

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 20 AWG, gold-plated contacts  
**Voltage/Current Rating:** 250V ac/dc, 4.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQD9-406	5.20 mm		 <p><b>Female</b></p> <p>1 = Brown 2 = Blue</p>	• MINI-BEAM & Q45 NAMUR sensors
	4.57 m	MQD9-415				
	9.14 m	MQD9-430				
Right-Angle	1.83 m	MQD9-406RA	5.20 mm		 <p><b>Female</b></p> <p>1 = Brown 2 = Blue</p>	• MINI-BEAM & Q45 NAMUR sensors
	4.57 m	MQD9-415RA				
	9.14 m	MQD9-430RA				

## 4-Pin Threaded M12/Euro-Style Cordsets – Double Ended

Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
 Conductors: 22 AWG, gold-plated contacts  
 Voltage/Current Rating: 250V ac/dc, 4.0 A  
 Temperature: -40° to +105° C Environmental Rating: IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Male Straight/ Female Straight	0.31 m	MQDEC-401SS	5.90 mm		 Female  Male 1 = Brown 2 = White 3 = Blue 4 = Black	<ul style="list-style-type: none"> <li>• M12</li> <li>• QS18</li> <li>• Q20</li> <li>• OMNI-BEAM (QDH suffix)</li> <li>• Q45 dc sensors (Q5 suffix)</li> <li>• MINI-BEAM dc SM312 sensors</li> <li>• S18, M18, T18, Q25, S30, T30, Q40</li> <li>• QM42/QMT42</li> <li>• SLM</li> <li>• R58A</li> <li>• T30UX</li> <li>• T18U</li> <li>• TL50</li> <li>• TL30F</li> <li>• K50</li> <li>• K80</li> <li>• PVA</li> <li>• VTB and STB</li> <li>• EZ-LIGHT</li> <li>• WL50</li> <li>• WLS28</li> </ul>
	0.91 m	MQDEC-403SS				
	1.83 m	MQDEC-406SS				
	3.66 m	MQDEC-412SS				
	6.10 m	MQDEC-420SS				
	9.14 m	MQDEC-430SS				
	15.2 m	MQDEC-450SS				
Male Right-Angle/ Female Straight	0.91 m	MQDEC-403RS	5.90 mm		 Female  Male 1 = Brown 2 = White 3 = Blue 4 = Black	<ul style="list-style-type: none"> <li>• M12</li> <li>• QS18</li> <li>• Q20</li> <li>• OMNI-BEAM (QDH suffix)</li> <li>• Q45 dc sensors (Q5 suffix)</li> <li>• MINI-BEAM dc SM312 sensors</li> <li>• S18, M18, T18, Q25, S30, T30, Q40</li> <li>• QM42/QMT42</li> <li>• SLM</li> <li>• R58A</li> <li>• T30UX</li> <li>• T18U</li> <li>• TL50</li> <li>• TL30F</li> <li>• K50</li> <li>• K80</li> <li>• PVA</li> <li>• VTB and STB</li> <li>• EZ-LIGHT</li> <li>• WL50</li> <li>• WLS28</li> </ul>
	1.83 m	MQDEC-406RS				
	3.66 m	MQDEC-412RS				
	6.10 m	MQDEC-420RS				
	9.14 m	MQDEC-430RS				
	15.2 m	MQDEC-450RS				

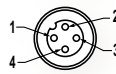

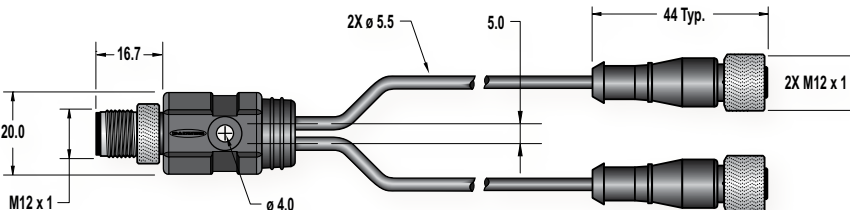
## 4-Pin Threaded M12/Euro-Style Splitter Cordsets – Flat Junction

Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
 Conductors: 22 AWG, gold-plated contacts  
 Voltage/Current Rating: 250V ac/300V dc, 4.0A  
 Temperature: -40° to +105° C Environmental Rating: IP67  
 Wiring: Parallel wired Y-cord

Connections				Cable Diameter	Pinout	Used With
Model	Branches (Female)	Trunk (Male)				
CSB-M1240M1240	No branch	No trunk	5.50 mm	 Female  Male 1 = Brown 2 = White 3 = Blue 4 = Black	<ul style="list-style-type: none"> <li>• Sensors w/4-Pin Euro QD</li> <li>• EZ-LIGHT</li> <li>• DX80 (10 to 30V dc)</li> <li>• DX85</li> <li>• WLS28</li> </ul>	
CSB-M1240M1241	2 x 0.30 m	No trunk				
CSB-M1241M1241		0.30 m				
CSB-M1248M1241		2.50 m				
CSB-M12415M1241		4.60 m				
CSB-M12425M1241		7.60 m				
CSB-UNT425M1241		7.60 m Untermated				
Dimensions (mm)						

## 4-Pin Threaded M12/Euro-Style Splitter Cordsets – Rounded Junction

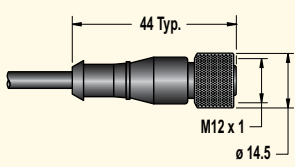
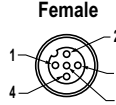
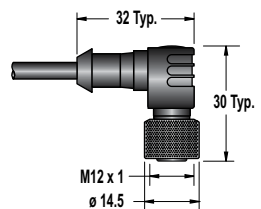
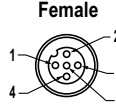
**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60V ac/75V dc, 2.0A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67  
**Wiring:** Parallel wired Y-cord

Connections					
Model	Branches (Female)	Trunk (Male)	Cable Diameter	Pinout	Used With
CSRB-M1240M1241	0.31 m	No Trunk	5.50 mm	<p><b>Female</b></p>  <p><b>Male</b></p>  <p>1 = Brown 2 = White 3 = Blue 4 = Black</p>	<ul style="list-style-type: none"> <li>• Sensors w/4-Pin Euro QD</li> <li>• EZ-LIGHT</li> </ul>
CSRB-M1240M1242	0.61 m				
CSRB-M1240M1243	0.91 m				
CSRB-M1240M1244	1.22 m				
Dimensions (mm)					
					

- Accessories
- Brackets
- Cordsets
- Retroreflectors
- Miscellaneous
- Reference

## 5-Pin Threaded M12/Euro-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 250V ac/dc, 4.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	0.50 m	MQDC1-501.5	5.60 mm		<p><b>Female</b></p>  <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>	<ul style="list-style-type: none"> <li>• MINI-BEAM <i>Expert</i></li> <li>• QS30</li> <li>• PicoDot</li> <li>• Q45 Laser Retro</li> <li>• R55F</li> <li>• SL30 &amp; SL30E</li> <li>• SL10 &amp; SL10E</li> <li>• VTB (2-color)</li> <li>• QL56</li> <li>• Q60</li> <li>• PVD</li> <li>• STB</li> <li>• K50</li> <li>• K80</li> <li>• DX80</li> <li>• DX81</li> <li>• DX85</li> <li>• EZ-LIGHT</li> <li>• STB w/em relay</li> <li>• High-Intensity Area Lights</li> <li>• High-Intensity Ring Lights</li> <li>• Sealed Backlights</li> </ul>
	1.83 m	MQDC1-506				
	4.57 m	MQDC1-515				
	9.14 m	MQDC1-530				
Right-Angle	1.83 m	MQDC1-506RA	5.60 mm		<p><b>Female</b></p>  <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>	<ul style="list-style-type: none"> <li>• MINI-BEAM <i>Expert</i></li> <li>• QS30</li> <li>• PicoDot</li> <li>• Q45 Laser Retro</li> <li>• R55F</li> <li>• SL30 &amp; SL30E</li> <li>• SL10 &amp; SL10E</li> <li>• VTB (2-color)</li> <li>• QL56</li> <li>• Q60</li> <li>• PVD</li> <li>• STB</li> <li>• K50</li> <li>• K80</li> <li>• DX80</li> <li>• DX81</li> <li>• DX85</li> <li>• EZ-LIGHT</li> <li>• STB w/em relay</li> <li>• High-Intensity Area Lights</li> <li>• High-Intensity Ring Lights</li> <li>• Sealed Backlights</li> </ul>
	4.57 m	MQDC1-515RA				
	9.14 m	MQDC1-530RA				

## 5-Pin Threaded M12/Euro-Style Cordsets – Washdown

**Cable:** Polypropylene jacket and connector body, stainless steel coupling nut

**Conductors:** 22 AWG, gold-plated contacts

**Voltage/Current Rating:** 250V ac/dc, 4.0 A

**Temperature:** -40° to +105° C      **Environmental Rating:** IP68

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQDCWD-506	4.50 mm		<b>Female</b>  1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray	• M25U
	9.14 m	MQDCWD-530				

## 5-Pin Threaded M12/Euro-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

**Conductors:** 20 AWG, gold-plated contacts

**Voltage/Current Rating:** 250V ac/dc, 4.0 A

**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQDC20-506	6.00 mm		<b>Female</b>  1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray	<ul style="list-style-type: none"> <li>• High Intensity Area Lights</li> <li>• High Intensity Ring Lights</li> <li>• Sealed Linear Array Lights</li> <li>• Sealed Backlights</li> </ul> NOTE: Except stainless steel models
	4.57 m	MQDC20-515				
	9.14 m	MQDC20-530				

## 5-Pin Threaded M12/Euro-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, 316 stainless steel coupling nut

**Conductors:** 20 AWG, gold-plated contacts

**Voltage/Current Rating:** 250V ac/dc, 4.0 A

**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQDC20SS-506	6.00 mm		<b>Female</b>  1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray	<ul style="list-style-type: none"> <li>• Sealed High Intensity Area Lights (Stainless Steel)</li> <li>• Sealed Linear Array Lights (Stainless Steel)</li> <li>• Sealed Backlights</li> </ul>
	4.57 m	MQDC20SS-515				
	9.14 m	MQDC20SS-530				



## 5-Pin Threaded M12/Euro-Style Cordsets with Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG (shielded), gold-plated contacts  
**Voltage/Current Rating:** 250V ac/dc, 4.0 A  
**Temperature:** -40° to +105° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQDEC2-506	5.60 mm		<p><b>Female</b></p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>	<ul style="list-style-type: none"> <li>• R58E</li> <li>• QT50U dc sensors</li> <li>• S18U</li> <li>• T30U</li> <li>• M25U</li> <li>• Q45U</li> <li>• Q45UR</li> <li>• LX</li> <li>• QT50R</li> </ul>
	4.57 m	MQDEC2-515				
	9.14 m	MQDEC2-530				
	15.2 m	MQDEC2-550				
Right-Angle	1.83 m	MQDEC2-506RA	5.60 mm		<p><b>Female</b></p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>	<ul style="list-style-type: none"> <li>• R58E</li> <li>• QT50U dc sensors</li> <li>• S18U</li> <li>• T30U</li> <li>• M25U</li> <li>• Q45U</li> <li>• Q45UR</li> <li>• LX</li> <li>• QT50R</li> </ul>
	4.57 m	MQDEC2-515RA				
	9.14 m	MQDEC2-530RA				
	15.2 m	MQDEC2-550RA				

## 5-Pin Threaded M12/Euro-Style Cordsets with Green/Yellow Ground Wire

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 250V ac/dc, 4.0 A  
**Temperature:** -40° to +105° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	4.57 m	QDE-515D	5.50 mm		<p><b>Female</b></p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Green/Yellow</p>	<ul style="list-style-type: none"> <li>• EZ-SCREEN w/4-pin or 5-pin QD (14 &amp; 30 mm Resolution)</li> </ul>
	7.62 m	QDE-525D				
	15.2 m	QDE-550D				
	22.9 m	QDE-575D				
	30.5 m	QDE-5100D				

## 5-Pin Threaded M12/Euro-Style Cordsets – Double Ended



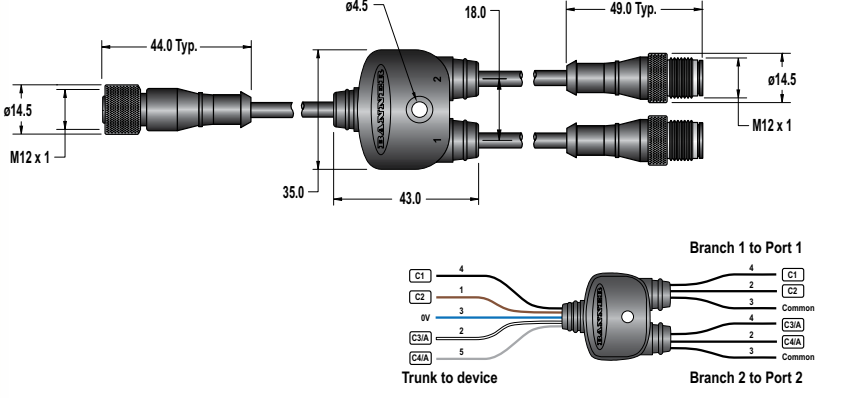
**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60V ac/75V dc, 2.0 A  
**Temperature:** -40° to +105° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Female Straight/ Male Straight	0.31 m	DEE2R-51D	5.60 mm		<p><b>Female</b></p> <p><b>Male</b></p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Green/Yellow</p>	<ul style="list-style-type: none"> <li>• MINI-BEAM Expert</li> <li>• QS30</li> <li>• PicoDot</li> <li>• Q45 Laser Retro</li> <li>• R55F</li> <li>• SL30 &amp; SL30E</li> <li>• SL10 &amp; SL10E</li> <li>• SLC1</li> <li>• Q60</li> <li>• PVD</li> <li>• STB</li> <li>• VTB (2-color)</li> <li>• DX85</li> <li>• DX81</li> <li>• EZ-SCREEN w/4-pin or 5-pin QD (14 &amp; 30 mm Resolution)</li> <li>• AC Interface Boxes</li> </ul>
	0.91 m	DEE2R-53D				
	2.44 m	DEE2R-58D				
	4.57 m	DEE2R-515D				
	7.62 m	DEE2R-525D				
	15.2 m	DEE2R-550D				
	22.9 m	DEE2R-575D				
	30.5 m	DEE2R-5100D				

## 5-Pin Threaded M12/Euro-Style to 4-Pin Threaded M12/Euro Style Combiner Cordset—Flat Junction

Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nuts  
 Conductor: 22 AWG, gold-plated contacts  
 Voltage/Current Rating: 250V ac/300V dc, 4.0 A  
 Temperature: -40° to +105° C Environmental Rating: IP67  
 Wiring: Combiner Y-cord



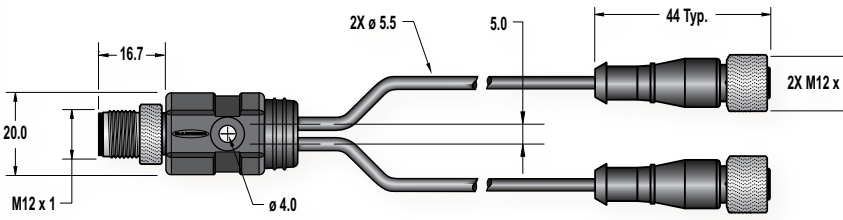
### Connections

Model	Branches (Male)	Trunk (Female)	Cable Diameter	Pinout	Used With																		
CSF-M12F51M12M41	4-pin Euro QD 2 x 0.31 m	5-pin Euro QD 0.31 m	5.50 mm	<b>Female</b>  <b>Male</b> 	<ul style="list-style-type: none"> <li>3 or 4 Segmented EZ-LIGHT Tower Lights</li> <li>3 or 4 function TL50 Tower Lights</li> </ul> <p>NOTE: Use to connect device to a "2-output" I/O block</p>																		
<b>Dimensions (mm)</b>																							
 <p>Technical drawing showing dimensions (mm) for the CSF-M12F51M12M41 combiner cordset. Dimensions include: 44.0 Typ. (total length), 18.0 (trunk length), 49.0 Typ. (branch length), 43.0 (total length), 35.0 (trunk length), 16.7 (trunk diameter), 20.0 (trunk diameter), 14.5 (trunk diameter), 4.5 (trunk diameter), 18.0 (trunk length), 49.0 Typ. (branch length), 43.0 (total length), 35.0 (trunk length), 16.7 (trunk diameter), 20.0 (trunk diameter), 14.5 (trunk diameter), 4.5 (trunk diameter). Wiring connections: Trunk to device (C1=4, C2=1, EV=3, C3A=2, C4A=5); Branch 1 to Port 1 (C1=4, C2=2, C3A=3, C4A=4); Branch 2 to Port 2 (C1=4, C2=3, C3A=2, C4A=3).</p>																							
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Trunk</th> <th style="text-align: center;">Branch 1</th> <th style="text-align: center;">Branch 2</th> </tr> </thead> <tbody> <tr> <td>1 = Brown</td> <td>1 = NC</td> <td>1 = NC</td> </tr> <tr> <td>2 = White</td> <td>2 = Brown</td> <td>2 = Gray</td> </tr> <tr> <td>3 = Blue</td> <td>3 = Blue</td> <td>3 = Blue</td> </tr> <tr> <td>4 = Black</td> <td>4 = Black</td> <td>3 = Blue</td> </tr> <tr> <td>5 = Gray</td> <td></td> <td>4 = White</td> </tr> </tbody> </table>						Trunk	Branch 1	Branch 2	1 = Brown	1 = NC	1 = NC	2 = White	2 = Brown	2 = Gray	3 = Blue	3 = Blue	3 = Blue	4 = Black	4 = Black	3 = Blue	5 = Gray		4 = White
Trunk	Branch 1	Branch 2																					
1 = Brown	1 = NC	1 = NC																					
2 = White	2 = Brown	2 = Gray																					
3 = Blue	3 = Blue	3 = Blue																					
4 = Black	4 = Black	3 = Blue																					
5 = Gray		4 = White																					

## 5-Pin Threaded M12/Euro-Style Splitter Cordset—Rounded Junction

Cable: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
 Conductor: 22 AWG, gold-plated contacts  
 Voltage/Current Rating: 60V ac/75V dc, 2.0 A  
 Temperature: -40° to +105° C Environmental Rating: IP67  
 Wiring: Parallel wired Y-cord

### Connections

Model	Branches (Female)	Trunk (Male)	Cable Diameter	Pinout	Used With					
CSRB-M1250M125.47M125.73	Branch 1 0.14 m Branch 2 0.22 m	No trunk	5.60 mm	<b>Female</b>  <b>Male</b> 	<ul style="list-style-type: none"> <li>EZ-LIGHTs w/5-Pin Euro QD</li> <li>DX80 (FlexPower)</li> </ul>					
<b>Dimensions (mm)</b>										
 <p>Technical drawing showing dimensions (mm) for the CSRB-M1250M125.47M125.73 splitter cordset. Dimensions include: 16.7 (trunk diameter), 20.0 (trunk diameter), 14.5 (trunk diameter), 4.5 (trunk diameter), 5.0 (branch length), 44 Typ. (total length), 20.0 (trunk diameter), 16.7 (trunk diameter), 14.5 (trunk diameter), 4.5 (trunk diameter), 5.0 (branch length), 44 Typ. (total length). Wiring connections: 2X M12 x 1 (trunk), 2X 5.5 (branches).</p>										
<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>1 = Brown</td> </tr> <tr> <td>2 = White</td> </tr> <tr> <td>3 = Blue</td> </tr> <tr> <td>4 = Black</td> </tr> <tr> <td>5 = Green/Yellow</td> </tr> </tbody> </table>						1 = Brown	2 = White	3 = Blue	4 = Black	5 = Green/Yellow
1 = Brown										
2 = White										
3 = Blue										
4 = Black										
5 = Green/Yellow										

### 8-Pin Threaded M12/Euro-Style Cordsets with Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 24 AWG (shielded), gold-plated contacts  
**Voltage/Current Rating:** 75V ac/dc, 2.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQDC-806	5.60 mm		<b>Female</b>  1 = White    5 = Gray 2 = Brown   6 = Pink 3 = Green    7 = Blue 4 = Yellow   8 = Shield	<ul style="list-style-type: none"> <li>• LT3</li> <li>• LG5</li> <li>• LG10</li> </ul>
	4.58 m	MQDC-815				
	9.14 m	MQDC-830				

### 8-Pin Threaded M12/Euro-Style Cordsets with Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 24 AWG (shielded), gold-plated contacts  
**Voltage/Current Rating:** 75V ac/dc, 2.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MAQDC-806	5.60 mm		<b>Female</b>  1 = White    5 = Gray 2 = Brown   6 = Pink 3 = Green    7 = Blue 4 = Yellow   8 = Red	<ul style="list-style-type: none"> <li>• EZ-ARRAY Emitters/Receivers</li> </ul>
	4.58 m	MAQDC-815				
	9.14 m	MAQDC-830				
	15.2 m	MAQDC-850				

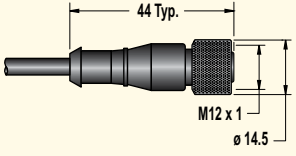
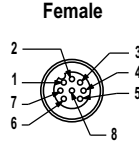
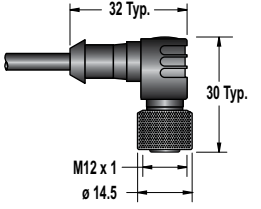
### 8-Pin Threaded M12/Euro-Style Cordsets with Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 24 AWG (shielded), gold-plated contacts  
**Voltage/Current Rating:** 60V ac/75V dc, 2.0 A  
**Temperature:** -40° to +80° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQLH-806-F	6.00 mm		<b>Female</b>  1 = White    5 = Gray 2 = Brown   6 = Green 3 = Shield   7 = Blue 4 = Yellow   8 = Shield	<ul style="list-style-type: none"> <li>• LH</li> </ul>
	4.58 m	MQLH-815-F				
	9.14 m	MQLH-830-F				

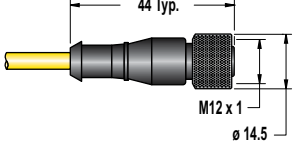
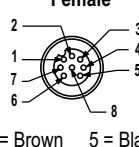
## 8-Pin Threaded M12/Euro-Style Cordsets with Open-Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 24 AWG (shielded), gold-plated contacts  
**Voltage/Current Rating:** 75V ac/dc, 2.0 A  
**Temperature:** -40° to +105° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQDC2S-806	5.60 mm		<p><b>Female</b></p>  <p>1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red</p>	<ul style="list-style-type: none"> <li>• QC50</li> <li>• QCX50</li> <li>• EZ-LIGHT</li> <li>• iVu TG—Integrated Touch Screen models</li> </ul>
	4.57 m	MQDC2S-815				
	9.14 m	MQDC2S-830				
	15.2 m	MQDC2S-850				
Right-Angle	1.83 m	MQDC2S-806RA	5.60 mm		<p>1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red</p>	
	4.57 m	MQDC2S-815RA				
	9.14 m	MQDC2S-830RA				
	15.2 m	MQDC2S-850RA				

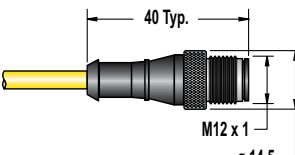
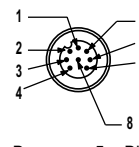
## 8-Pin Threaded M12/Euro-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 75V ac/dc, 2.0 A  
**Temperature:** -40° to +105° C **Environmental Rating:** IP67

Style	Length	Model*	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	4.57 m	QDE-815D	6.00 mm		<p><b>Female</b></p>  <p>1 = Brown 5 = Black 2 = Or/Bl 6 = Blue 3 = Orange 7 = Gn/Ye 4 = White 8 = Violet</p>	<ul style="list-style-type: none"> <li>• EZ-SCREEN w/8-pin QD (14 &amp; 30 mm Resolution)</li> <li>• EZ-SCREEN LP w/8-pin QD (14 &amp; 25 mm Resolution)</li> <li>• EZ-SCREEN w/8-pin QD (Point &amp; Grid)</li> <li>• EZ-SCREEN Type 2</li> </ul>
	7.62 m	QDE-825D				
	15.3 m	QDE-850D				
	22.9 m	QDE-875D				
	30.5 m	QDE-8100D				

## 8-Pin Threaded M12/Euro-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60V ac/75V dc, 2.0 A  
**Temperature:** -40° to +105° C **Environmental Rating:** IP67

Style	Length	Model*	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	4.57 m	QDE2R4-815D	5.50 mm		<p><b>Male</b></p>  <p>1 = Brown 5 = Blue 2 = Not Used 6 = Not Used 3 = Not Used 7 = Not Used 4 = Black 8 = White</p>	<ul style="list-style-type: none"> <li>• EZ-SCREEN Receiver (Cascade) CSSI QD (14 &amp; 30 mm)</li> <li>• EZ-SCREEN LP Receiver (Cascade) CSSI QD and a DELPEF-810 (14 &amp; 25 mm)</li> </ul> <p>NOTE: For connection of E-Stop or other hard/relay contacts.</p>
	7.62 m	QDE2R4-825D				
	15.2 m	QDE2R4-850D				

\* Standard cordsets are yellow PVC with black overmold. For black PVC and overmold, add suffix **B** to model number (example, DEE2R-81DB)

## 8-Pin Threaded M12/Euro-Style Cordsets with Shield – Double Ended

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 24 AWG (shielded), gold-plated contacts  
**Voltage/Current Rating:** 60V ac/75V dc, 2.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Male Straight/ Female Straight	1.83 m	MQLH-806-MF	6.00 mm			• LH
	4.57 m	MQLH-815-MF				
	9.14 m	MQLH-830-MF				
Male Straight/ Male Straight	0.30 m	MQLH-801-MM	6.00 mm		<p>1 = White    5 = Gray                  2 = Brown   6 = Green                  3 = Shield   7 = Blue                  4 = Yellow   8 = Shield</p>	

- Accessories
- Brackets
- Cordsets
- Retroreflectors
- Miscellaneous
- Reference

## 8-Pin Threaded M12/Euro-Style Cordsets – Double Ended

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60V ac/75V dc, 2.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP68

Style	Length	Model*			Cable Diameter	Dimensions (mm)	Pinout	Used With
		8-pin/ 8-pin	8-pin/ 4-pin†	8-pin/ 5-pin**				
Female Straight/ Male Straight	0.31 m	DEE2R-81D	DEE8-41D	DEE8-51D	6.00 mm			<ul style="list-style-type: none"> <li>• EZ-SCREEN w/8-pin QD (14 &amp; 30 mm Resolution)</li> <li>• EZ-SCREEN LP w/8-pin QD (14 &amp; 25 mm Resolution)</li> <li>• EZ-SCREEN w/8-pin QD (Point &amp; Grid)</li> <li>• EZ-SCREEN Type 2 (DEE2R only)</li> <li>• AC Interface Boxes (DEE2R only)</li> </ul>
	0.91 m	DEE2R-83D	DEE8-48D	DEE8-58D				
	2.44 m	DEE2R-88D	DEE8-415D	DEE8-515D				
	4.57 m	DEE2R-815D	DEE8-425D	DEE8-525D				
	7.62 m	DEE2R-825D	—	—				
	15.2 m	DEE2R-850D	—	—				
	22.9 m	DEE2R-875D	—	—				
	30.5 m	DEE2R-8100D	—	—				

\* Standard cordsets are yellow PVC with black overmold. For black PVC and overmold, add suffix **B** to model number (example, **DEE2R-81DB**)

\*\* For connection to safety BUS gateway/node, a "smart" self-monitored safety module, safety controller or safety PLC.

† DEE8-4..D do not have the pin 5 GND/chassis connection. GND/chassis connection should be made via the mounting hardware.

## 8-Pin Threaded M12/Euro-Style Splitter Cordsets with Shield—Flat Junction

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

**Conductors:** 24 AWG (shielded), gold-plated contacts

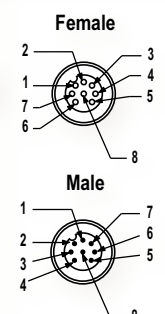
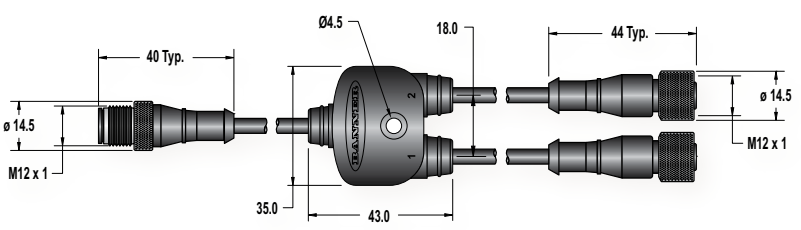
**Voltage/Current Rating:** 60V ac/75V dc, 2.0 A

**Temperature:** -40° to +80° C

**Environmental Rating:** IP67

**Wiring:** Parallel wired Y-cord

### Connections

Model	Branches (Female)	Trunk (Male)	Cable Diameter	Pinout	Used With
CSB-M1280M1280-LH	No branches	No trunk	6.00 mm		• LH
CSB-M1281M1282-LH	0.60 m	0.30 m			
Dimensions (mm)					
					

## 8-Pin Threaded M12/Euro-Style Splitter Cordsets with Shield—Flat Junction

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

**Conductors:** 24 AWG (shielded), gold-plated contacts

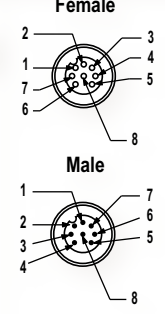
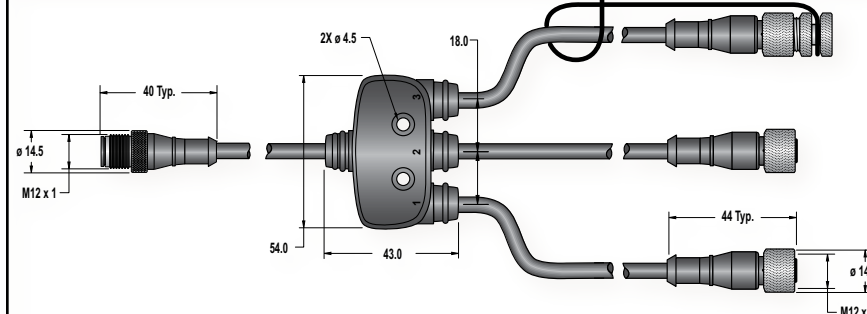
**Voltage/Current Rating:** 60V ac/75V dc, 2.0 A

**Temperature:** -40° to +150° C

**Environmental Rating:** IP67

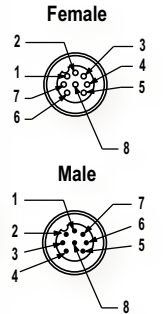
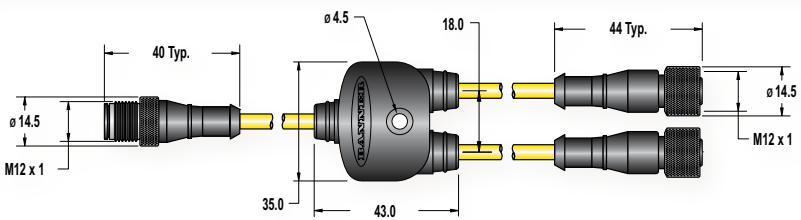
**Wiring:** Parallel wired Y-cord

### Connections

Model	Branches (Female)	Trunk (Male)	Cable Diameter	Pinout	Used With
CSB3-M1281M1282-LH	0.60 m	0.30 m	6.00 mm		• LH
Dimensions (mm)					
					

## 8-Pin Threaded M12/Euro-Style Splitter Cordsets—Flat Junction

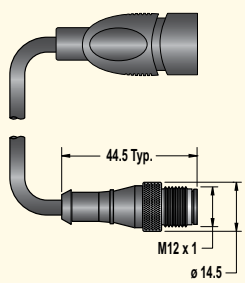
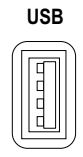
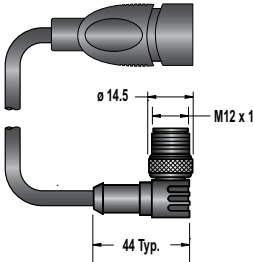

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60V ac/75V dc, 2.0 A  
**Temperature:** -40° to +105° C **Environmental Rating:** IP68  
**Wiring:** Parallel wired Y-cord

Connections					
Model	Branches (Female)	Trunk (Male)	Cable Diameter	Pinout	Used With
CSB-M1280M1280	No branches	No trunk	6.00 mm	 <p>Female</p> <p>Male</p> <p>1 = Brown 5 = Black                  2 = Or/Bk 6 = Blue                  3 = Orange 7 = Gn/Ye                  4 = White 8 = Violet</p>	<ul style="list-style-type: none"> <li>EZ-ARRAY</li> <li>EZ-LIGHT Indicator Lights</li> <li>EZ-SCREEN w/8-pin QD (14 &amp; 30 mm Resolution)</li> <li>EZ-SCREEN LP w/8-pin QD (14 &amp; 25 mm Resolution)</li> <li>EZ-SCREEN w/8-pin QD (Point &amp; Grid)</li> <li>EZ-SCREEN Type 2</li> <li>AC Interface Boxes</li> </ul>
CSB-M1281M1281	2 x 0.3 m	0.3 m			
CSB-M1288M1281		2.5 m			
CSB-M12815M1281		4.6 m			
CSB-M12825M1281		7.6 m			
CSB-UNT825M1281*		7.6 m Unterminated			
Dimensions (mm)					
					

\* Standard cordsets are yellow PVC with black overmold. For black PVC and overmold, add suffix **B** to model number (example, **CSB-M1280M1280B**).

## 8-Pin Threaded M12/Euro-Style to USB Cordsets—Double Ended

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut on Euro QD end  
**Conductors:** 28 AWG or 24 AWG, gold-plated contacts  
**Voltage Rating:** 60V ac/75V dc  
**Temperature:** -40° to +90° C

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight Euro QD/USB	0.15 m	MQDEC-8005-USB	4.80 mm		 <p>USB</p>	<ul style="list-style-type: none"> <li>iVu TG &amp; BCR—Integrated Touch Screen models</li> </ul>
	0.30 m	MQDEC-801-USB				
	0.90 m	MQDEC-803-USB				
	3.00 m	MQDEC-810-USB				
Right-Angle Euro QD/USB	0.15 m	MQDEC-8005RA-USB	4.80 mm		 <p>Male</p>	
	0.30 m	MQDEC-801RA-USB				
	0.90 m	MQDEC-803RA-USB				
	3.00 m	MQDEC-810RA-USB				

## 8-Pin Threaded M12/Euro-Style to Molex Cordsets – Double Ended

Cable: Euro: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

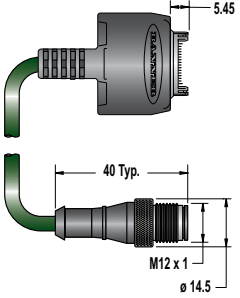
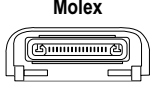
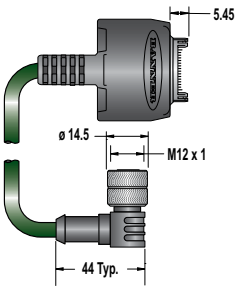
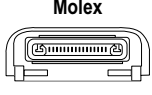
Molex: Nylon (polyamide)/PUR (polyurethane)

Conductors: 24 AWG, gold-plated contacts

Voltage Rating: 30V ac/dc 2.0 A

Temperature: -40° to +105° C

Environmental Rating: IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight Euro QD/ Molex	0.91 m	IVURD-MX-803	6.10 mm		 <p><b>Molex</b> Male</p> <p>1 = Orange 5 = Green 2 = Brown 6 = Blue 3 = Wh/Bn 7 = Wh/Or 4 = Wh/Bl 8 = Wh/Gn</p>	<ul style="list-style-type: none"> <li>• iVu RD35 remote display</li> </ul>
	1.83 m	IVURD-MX-806				
	4.57 m	IVURD-MX-815				
	9.14 m	IVURD-MX-830				
	15.2 m	IVURD-MX-850				
Right-Angle Euro QD/ Molex	0.91 m	IVURD-MX-803RA	6.10 mm		 <p><b>Molex</b> Male</p> <p>1 = Orange 5 = Green 2 = Brown 6 = Blue 3 = Wh/Bn 7 = Wh/Or 4 = Wh/Bl 8 = Wh/Gn</p>	<ul style="list-style-type: none"> <li>• iVu RD35 remote display</li> </ul>
	1.83 m	IVURD-MX-806RA				
	4.57 m	IVURD-MX-815RA				
	9.14 m	IVURD-MX-830RA				
	15.2 m	IVURD-MX-850RA				

## 8-Pin Threaded M12/Euro-Style QD to RD Cordsets

Cable: Euro: PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

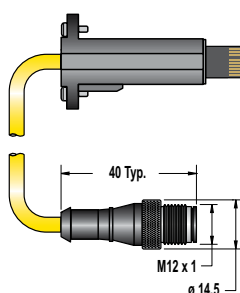
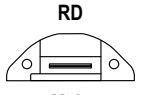
RD: Nylon (polyamide)/PUR (polyurethane) RD connector

Conductors: 22 AWG, gold-plated contacts

Voltage/Current Rating: 60V ac/75V dc, 2.0 A

Temperature: 0° to +55° C

Environmental Rating: IP67

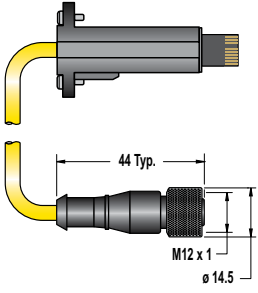

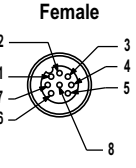
Style	Length	Model*	Cable Diameter	Dimensions (mm)	Pinout	Used With
RD/ Male Straight	0.31 m	DELPE-81D	6.00 mm		 <p><b>RD</b> Male</p> <p>1 = Brown 5 = Black 2 = Or/Bk 6 = Blue 3 = Orange 7 = Gn/Ye 4 = White 8 = Violet</p>	<ul style="list-style-type: none"> <li>• EZ-SCREEN LP w/RD (14 &amp; 25 mm Resolution)</li> </ul> <p>NOTE: Requires QDE-8...D, DEE2R-8...D, CSB-M128... or other M12/Euro QD cordset</p>
	0.91 m	DELPE-83D				
	2.44 m	DELPE-88D				
	4.57 m	DELPE-815D				
	7.62 m	DELPE-825D				
	15.2 m	DELPE-850D				
	22.9 m	DELPE-875D				
	30.5 m	DELPE-8100D				

\* Standard cordsets are yellow PVC with black overmold. For black PVC cable and overmold, add suffix **B** to model number (example, DELPE-81DB).



## 8-Pin Threaded M12/Euro-Style QD to RD Cordsets

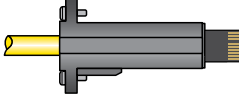
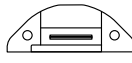
**Cable:** Euro: PVC jacket, PVC connector body, nickel-plated brass coupling nut  
 RD: Nylon (polyamide)/PUR (polyurethane) RD connector  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60V ac/75V dc, 2.0 A  
**Temperature:** 0° to +55° C      **Environmental Rating:** IP67

Style	Length	Model*	Cable Diameter	Dimensions (mm)	Pinout	Used With
RD/ Female Straight	0.31 m	DELPEF-81D	6.00 mm		 <b>RD</b>   <b>Female</b>  1 = Brown    5 = Black 2 = Or/Bk    6 = Blue 3 = Orange    7 = Gn/Ye 4 = White    8 = Violet	<ul style="list-style-type: none"> <li>EZ-SCREEN LP (Cascade) w/RD (14 &amp; 25 mm); requires QDE2R4-8...D cordset or connection of E-stop or other hard/relay contact; for connection to DEE2R-8..D or to EZ-SCREEN LP w/8-pin QD</li> </ul>
	0.91 m	DELPEF-83D				
	2.44 m	DELPEF-88D				
	4.57 m	DELPEF-815D				

- Accessories
- Brackets
- Cordsets
- Retroreflectors
- Miscellaneous
- Reference

## RD to Flying Lead Cordsets

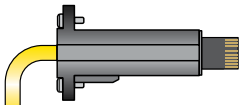

**Cable:** PVC jacket, nylon (polyamide)/PUR (polyurethane) RD connector  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60V ac/75V dc, 2.0 A  
**Temperature:** 0° to +55° C      **Environmental Rating:** IP67

Style	Length	Model*		Cable Diameter	Dimensions (mm)	Pinout	Used With
		8 wire	4 wire†				
RD	4.57 m	RDLP-815D	RDPL6G-415D	6.00 mm		 <b>RD</b>	<ul style="list-style-type: none"> <li>EZ-SCREEN LP w/RD (14 &amp; 25 mm Resolution)</li> </ul>
	7.62 m	RDLP-825D	RDPL6G-425D				
	15.2 m	RDLP-850D	RDPL6G-450D				
	22.9 m	RDLP-875D	—				
	30.5 m	RDLP-8100D	—				

† For connection of E-Stop or other hard/relay contacts. See EZ-SCREEN installation manual p/n 140044 for more information.

## RD to RD Cordsets

**Cable:** PVC jacket, nylon (polyamide)/PUR (polyurethane) RD connector  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60V ac/75V dc, 2.0 A  
**Temperature:** 0° to +55° C      **Environmental Rating:** IP67

Style	Length	Model*	Cable Diameter	Dimensions (mm)	Pinout	Used With
RD/RD	0.05 m	DELP-110E	6.00 mm		 <b>RD</b>	<ul style="list-style-type: none"> <li>EZ-SCREEN LP w/RD Cascading (14 &amp; 25 mm Resolution)</li> </ul>
	0.30 m	DELP-111E				
	0.91 m	DELP-113E				
	2.44 m	DELP-118E				
	4.57 m	DELP-1115E				
	7.62 m	DELP-1125E				
	15.2 m	DELP-1150E				
	22.9 m	DELP-1175E				
	30.5 m	DELP-11100E				

\* Standard cordsets are yellow PVC with black overmold. For black PVC cable and overmold, add suffix **B** to model number (example, **DELP-110EB**).

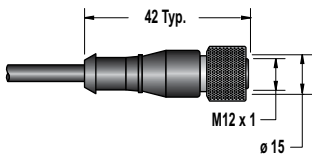
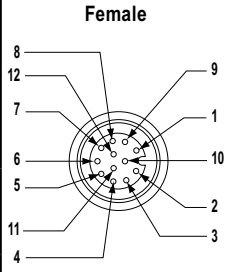
## 12-Pin M12/Euro-Style Cordsets with Open Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

**Conductors:** 20 and 24 AWG, gold-plated contacts

**Voltage Rating:** 250V ac/300V dc

**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQDC2S-1206	7.50 mm		<p><b>Female</b></p>  <p>1 = White      7 = Blue 2 = Brown      8 = Red 3 = Green      9 = Orange 4 = Yellow     10 = Lt. Blue 5 = Gray      11 = Black 6 = Pink      12 = Violet</p>	<ul style="list-style-type: none"> <li>• IP68 Sealed P4</li> <li>• iVu BCR—Integrated Touch Screen models</li> <li>• iVu Plus</li> </ul> <p>(For CE compliance)</p>
	4.57 m	MQDC2S-1215				
	9.14 m	MQDC2S-1230				
	15.2 m	MQDC2S-1250				
	22.9 m	MQDC2S-1275				

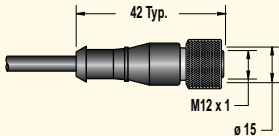
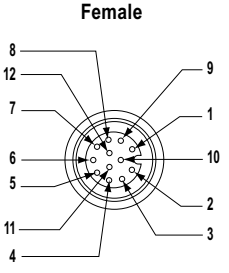
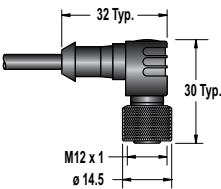
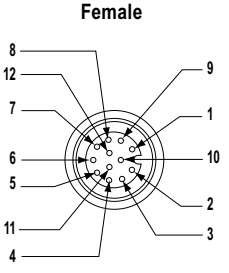
## 12-Pin M12/Euro-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

**Conductors:** 24, 20 AWG, gold-plated contacts

**Voltage Rating:** 300V ac/dc, 2.0, 7.0 A

**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	iVUC-1206	7.50 mm		<p><b>Female</b></p>  <p>1 = White      7 = Blue 2 = Brown      8 = Red 3 = Green      9 = Orange 4 = Yellow     10 = Lt. Blue 5 = Gray      11 = Black 6 = Pink      12 = Violet</p>	<ul style="list-style-type: none"> <li>• iVu TG—BCR Remote Touch Screen models</li> <li>• iVu BCR—Integrated Touch Screen models</li> <li>• iVu Plus</li> </ul>
	4.57 m	iVUC-1215				
	9.14 m	iVUC-1230				
	15.2 m	iVUC-1250				
	22.9 m	iVUC-1275				
Right-Angle	1.83 m	iVUC-1206RA	7.50 mm		<p><b>Female</b></p>  <p>1 = White      7 = Blue 2 = Brown      8 = Red 3 = Green      9 = Orange 4 = Yellow     10 = Lt. Blue 5 = Gray      11 = Black 6 = Pink      12 = Violet</p>	<ul style="list-style-type: none"> <li>• iVu TG—BCR Remote Touch Screen models</li> <li>• iVu BCR—Integrated Touch Screen models</li> <li>• iVu Plus</li> </ul>
	4.57 m	iVUC-1215RA				
	9.14 m	iVUC-1230RA				
	15.2 m	iVUC-1250RA				
	22.9 m	iVUC-1275RA				

## 12-Pin Threaded M12/Euro-Style QD to DB15 Cordsets

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With	
Straight (High Flex)/DB15	1.83 m	PPC06SHF	7.60 mm			<p><b>Female</b></p> <p>1 = Blue    7 = Not Used                  2 = Violet    8 = Pink                  3 = Green    9 = Gray                  4 = Red    10 = Brown                  5 = White    11 = Yellow                  6 = Black    12 = Drain</p> <p><b>Male</b></p>	<ul style="list-style-type: none"> <li>• Pro</li> <li>• Mini Pro</li> <li>• Sealed Pro</li> </ul>
	3.96 m	PPC13SHF					
	7.01 m	PPC23SHF					
	9.75 m	PPC32SHF					
Right-Angle (High Flex)/DB15	1.83 m	PPC06SRAHF	7.60 mm			<p><b>Female</b></p> <p>1 = Blue    7 = Not Used                  2 = Violet    8 = Pink                  3 = Green    9 = Gray                  4 = Red    10 = Brown                  5 = White    11 = Yellow                  6 = Black    12 = Drain</p> <p><b>Male</b></p>	<ul style="list-style-type: none"> <li>• Pro</li> <li>• Mini Pro</li> <li>• Sealed Pro</li> </ul>
	3.96 m	PPC13SRAHF					
	7.01 m	PPC23SRAHF					
	9.75 m	PPC32SRAHF					

- Accessories
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- Miscellaneous
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## 12-Pin M16 Cordsets

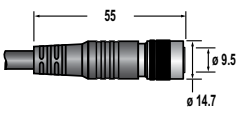
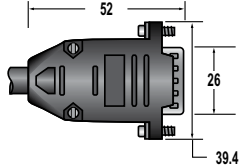
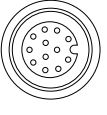
**Cable:** PVC jacket, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 60V ac/dc, 4.0 A  
**Temperature:** 40° to +80° C    **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	3.05 m	MQDC-1210ST	7.60 mm		<p><b>Female</b></p> <p>1 = White    7 = Red                  2 = Brown    8 = Black                  3 = Green    9 = Violet                  4 = Yellow    10 = Gy/Pk                  5 = Gray    11 = Rd/Bu                  6 = Pink    12 = Blue</p>	<ul style="list-style-type: none"> <li>• LT7</li> </ul>
	9.14 m	MQDC-1230ST				
	24.4 m	MQDC-1280ST				

## 12-Pin QD Cordsets

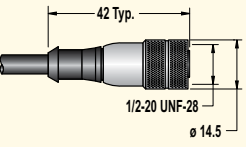

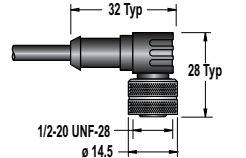

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	P4C06	7.70 mm		<p><b>Female</b></p> <p>1 = Yellow    7 = White                  2 = Gray    8 = Lt. Blue                  3 = Orange    9 = Violet                  4 = Pink    10 = Green                  5 = Black    11 = Blue                  6 = Red    12 = Brown</p> <p>Shield = Bare Metal</p>	<ul style="list-style-type: none"> <li>• P4</li> <li>• PPSIM with terminal strip to P4</li> </ul>
	7.01 m	P4C23				
	9.75 m	P4C32				
	15.2 m	P4C50				
	22.9 m	P4C75				
	34.0 m	P4C110				

## 12-Pin QD to DB15 Cordsets

Style	Length	Model	Cable Diameter	Dimensions (mm)		Pinout	Used With
Straight/ DB15	2.00 m	P4C06SIM	6.9 mm			Female	• P4 to PPSIM
	7.00 m	P4C23SIM					
	10.0 m	P4C32SIM				Male	

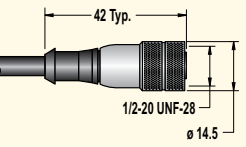
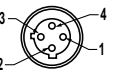
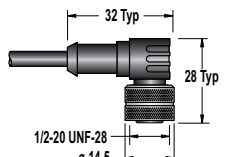
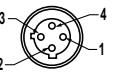
## 3-Pin Micro-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 250V ac/dc, 4.0 A  
**Temperature:** -40 to +80° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQDC-306	5.20 mm		<b>Female</b>  1 = Green 2 = Red/Black 3 = Red/White	• MINI-BEAM ac SM2A312 sensors
	4.57 m	MQDC-315				
	9.14 m	MQDC-330				
Right-Angle	1.83 m	MQDC-306RA	5.20 mm		<b>Female</b>  1 = Green 2 = Red/Black 3 = Red/White	• MINI-BEAM ac SM2A312 sensors
	4.57 m	MQDC-315RA				
	9.14 m	MQDC-330RA				

## 4-Pin Micro-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 250V ac/dc, 4.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MQAC-406	5.70 mm		<b>Female</b>  1 = Red/Black 2 = Red/White 3 = Red 4 = Green	<ul style="list-style-type: none"> <li>• QS18 ac/dc sensors</li> <li>• Q45 ac series (suffix Q1)</li> <li>• S18, M18, T18, Q25, S30, T30 &amp; Q40 ac sensors (suffix Q1)</li> <li>• Q60</li> </ul>
	4.57 m	MQAC-415				
	9.14 m	MQAC-430				
Right-Angle	1.83 m	MQAC-406RA	5.70 mm		<b>Female</b>  1 = Red/Black 2 = Red/White 3 = Red 4 = Green	<ul style="list-style-type: none"> <li>• QS18 ac/dc sensors</li> <li>• Q45 ac series (suffix Q1)</li> <li>• S18, M18, T18, Q25, S30, T30 &amp; Q40 ac sensors (suffix Q1)</li> <li>• Q60</li> </ul>
	5.00 m	MQAC-415RA				
	9.14 m	MQAC-430RA				

### 4-Pin Micro-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage Rating:** 125V ac/150V dc  
**Temperature:** -40° to +80° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	<b>MQEAC-406</b>	5.7 mm		<p><b>Female</b></p> <p>1 = Red/Black                      2 = Red/White                      3 = Red                      4 = Green</p>	<ul style="list-style-type: none"> <li>• SI-HG80 hinge-style switches</li> </ul>
	4.57 m	<b>MQEAC-415</b>				
	9.14 m	<b>MQEAC-430</b>				
Right-Angle	1.83 m	<b>MQEAC-406RA</b>	5.70 mm		<p><b>Female</b></p> <p>1 = Red/Black                      2 = Red/White                      3 = Red                      4 = Green</p>	<ul style="list-style-type: none"> <li>• SI-HG80 hinge-style switches</li> </ul>
	4.57 m	<b>MQEAC-415RA</b>				
	9.14 m	<b>MQEAC-430RA</b>				

### 5-Pin Micro-Style Cordsets with Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG with 22 AWG drain wire (shielded), gold-plated contacts  
**Voltage/Current Rating:** 250V ac/dc, 4.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	<b>MQVR3S-506</b>	6.10 mm		<p><b>Female</b></p> <p>1 = Brown                      2 = White                      3 = Yellow                      4 = Black                      5 = Blue</p>	<ul style="list-style-type: none"> <li>• QT50U ac/dc sensors</li> <li>• EZ-LIGHT ac indicators</li> </ul>
	4.57 m	<b>MQVR3S-515</b>				
	9.14 m	<b>MQVR3S-530</b>				
Right-Angle	1.83 m	<b>MQVR3S-506RA</b>	6.10 mm		<p><b>Female</b></p> <p>1 = Brown                      2 = White                      3 = Yellow                      4 = Black                      5 = Blue</p>	<ul style="list-style-type: none"> <li>• QT50U ac/dc sensors</li> <li>• EZ-LIGHT ac indicators</li> </ul>
	4.57 m	<b>MQVR3S-515RA</b>				
	9.14 m	<b>MQVR3S-530RA</b>				

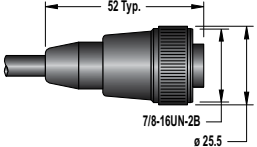

### 6-Pin Micro-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 22 AWG, gold-plated contacts  
**Voltage/Current Rating:** 125V ac, 4.0 A  
**Temperature:** -40° to +80° C      **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	<b>MQEAC-606</b>	5.60 mm		<p><b>Female</b></p> <p>1 = Red/White                      2 = Red                      3 = Green                      4 = Red/Yellow                      5 = Red/Black                      6 = Red/Blue</p>	<ul style="list-style-type: none"> <li>• SI-HG63 hinge-style switches</li> </ul>
	4.57 m	<b>MQEAC-615</b>				
	9.14 m	<b>MQEAC-630</b>				
Right-Angle	1.83 m	<b>MQEAC-606RA</b>	5.60 mm		<p><b>Female</b></p> <p>1 = Red/White                      2 = Red                      3 = Green                      4 = Red/Yellow                      5 = Red/Black                      6 = Red/Blue</p>	<ul style="list-style-type: none"> <li>• SI-HG63 hinge-style switches</li> </ul>
	4.57 m	<b>MQEAC-615RA</b>				
	9.14 m	<b>MQEAC-630RA</b>				

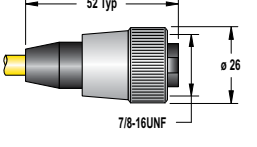
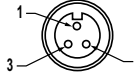
### 3-Pin Mini-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nylon coupling nut  
**Conductors:** 18 AWG, PVC insulation, gold-plated contacts  
**Voltage/Current Rating:** 300V ac/dc, 9.0 A  
**Temperature:** -40° to +80° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With		
Straight	1.83 m	MBCC-306	7.00 mm		<b>Female</b>  1 = Brown 3 = Blue 4 = Black	• Q45		
	3.66 m	MBCC-312				• SM30 Intrinsically safe dc sensors		
	9.14 m	MBCC-330						
Straight	1.83 m	SMICC-306					1 = Red/Black 3 = Red/White 4 = Green	• SM30 2-wire ac sensors
	3.66 m	SMICC-312						
	9.14 m	SMICC-330						
Straight	1.83 m	SM30CC-306						
	3.66 m	SM30CC-312						

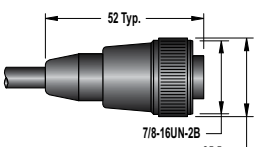

### 3-Pin Mini-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 18 AWG, PVC insulation, gold-plated contacts  
**Voltage Rating:** 250V ac/300 dc  
**Temperature:** -40° to +80° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	4.75 m	QDS-315C	7.00 mm		<b>Female</b>  1 = Green/Ye 2 = Brown 3 = Blue	• EZ-SCREEN Emitters w/3-pin QD (Point & Grid)
	7.62 m	QDS-325C				
	15.2 m	QDS-350C				
	22.9 m	QDS-375C				
	30.5 m	QDS-3100C				

### 4-Pin Mini-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nylon coupling nut  
**Conductors:** 18 AWG, gold-plated contacts  
**Voltage/Current Rating:** 300V ac/dc, 9.0 A  
**Temperature:** -40° to +80° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MBCC-406	7.00 mm		<b>Female</b>  1 = Brown 2 = White 3 = Blue 4 = Black	<ul style="list-style-type: none"> <li>• Q45 dc sensors (suffix Q)</li> <li>• OMNI-BEAM dc power blocks</li> <li>• SM30 dc sensors</li> <li>• OTB w/solid-state output</li> <li>• STB with solid-state output</li> </ul>
	3.66 m	MBCC-412				
	9.14 m	MBCC-430				

## 5-Pin Mini-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nylon coupling nut  
**Conductors:** 18 AWG, gold-plated contacts  
**Voltage/Current Rating:** 300V ac/dc, 9.0 A  
**Temperature:** -40° to +80° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MBCC-506	7.00 mm		<p><b>Female</b></p> <p>1 = Black                  2 = Blue                  3 = Yellow                  4 = Brown                  5 = White</p>	<ul style="list-style-type: none"> <li>• Q45 Laser Retro</li> <li>• OMNI-BEAM ac power blocks</li> <li>• OMNI-BEAM dc w/ e/m relay</li> <li>• OTB &amp; LTB w/SPDT relay</li> <li>• Q45 5-wire ac</li> <li>• STB with e/m relay</li> </ul>
	3.66 m	MBCC-512				
	9.14 m	MBCC-530				

## 5-Pin Mini-Style Cordsets with Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nylon coupling nut  
**Conductors:** 22 AWG (shielded), PVC insulation, gold-plated contacts  
**Voltage/Current Rating:** 300V ac/dc, 9.0 A  
**Temperature:** -40° to +80° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	1.83 m	MBCC2-506	6.10 mm		<p><b>Female</b></p> <p>1 = Brown                  2 = White                  3 = Blue                  4 = Black                  5 = Yellow</p>	<ul style="list-style-type: none"> <li>• QT50U</li> <li>• Q45U</li> <li>• Q45UR</li> </ul>
	3.66 m	MBCC2-512				
	9.14 m	MBCC2-530				

## 5-Pin Mini-Style Cordsets with Green/Yellow Grounding Wire

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut  
**Conductors:** 20 AWG, gold-plated contacts  
**Voltage/Current Rating:** 250V ac/300V dc, 9.0 A  
**Temperature:** -40° to +90° C **Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	4.75 m	QDS-515C	7.00 mm		<p><b>Female</b></p> <p>1 = Black                  2 = Blue                  3 = Gn/Ye                  4 = Brown                  5 = White</p>	<ul style="list-style-type: none"> <li>• EZ-SCREEN Receivers w/5-pin QD &amp; TEST (Point &amp; Grid)</li> </ul>
	7.62 m	QDS-525C				
	15.2 m	QDS-550C				

## 5-Pin Mini-Style Cordsets with Shield and "Twisted Pair"

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut

**Conductors:** 20 AWG (shielded), PVC insulation, gold-plated contacts

**Voltage Rating:** 250V ac/300V dc

**Temperature:** -40° to +90° C

**Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	4.57 m	QDC-515C	7.00 mm		<p><b>Female</b></p> <p>1 = Black 2 = Blue 3 = Drain 4 = Brown 5 = White</p>	<ul style="list-style-type: none"> <li>• MINI-ARRAY</li> <li>• High-Resolution MINI-ARRAY</li> </ul>
	7.62 m	QDC-525C				
	15.2 m	QDC-550C				
	22.9 m	MAQDC-575C				
	30.5 m	MAQDC-5100C				
	38.1 m	MAQDC-5125C				
45.7 m	MAQDC-5150C					

## 8-Pin Mini-Style Cordsets

**Cable:** PVC jacket, PUR (polyurethane) connector body, nylon coupling nut

**Conductors:** 20 AWG, PVC insulation, gold-plated contacts

**Voltage Rating:** 250V ac/300V dc

**Temperature:** -40° to +80° C

**Environmental Rating:** IP67

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Straight	4.51 m	QDS-815C	6.90 mm		<p><b>Female</b></p> <p>1 = Brown    5 = Black 2 = Or/Bk    6 = Blue 3 = Orange    7 = Gn/Ye 4 = White    8 = Violet</p>	<ul style="list-style-type: none"> <li>• EZ-SCREEN Receivers w/8-pin QD (Point &amp; Grid)</li> <li>• DUO-TOUCH SG Run Bar</li> </ul>
	7.62 m	QDS-825C				
	15.2 m	QDS-850C				
	22.9 m	QDS-875C				

## BNC Coaxial Video Cordsets

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Video Coaxial with BNC	1.83 m	BNC06	6.00 mm		<p><b>Male</b></p>	<ul style="list-style-type: none"> <li>• Pro</li> <li>• P4</li> </ul>
	4.57 m	BNC15				
	9.14 m	BNC30				
	14.6 m	BNC48				



## BNC to 4-Pin Threaded M8/Pico-Style Cordsets with Shield

**Cable:** PVC jacket, PUR (polyurethane) connector body, nickel-plated brass coupling nut on QD end  
**Conductors:** 26 AWG  
**Voltage/Current Rating:** 125V ac/125V dc, 4.0 A  
**Temperature:** -40° to +105° C      **Environmental Rating:** IP67

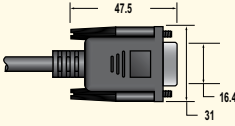
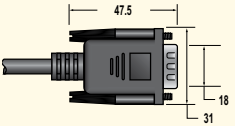
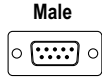
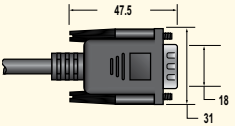
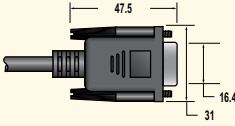
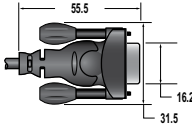
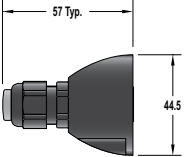
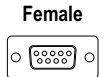
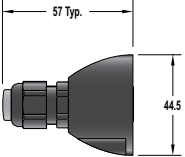
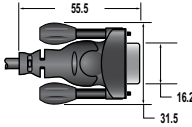
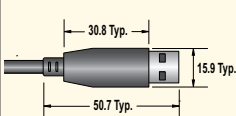
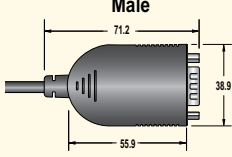
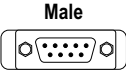

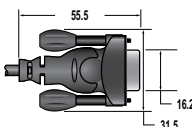
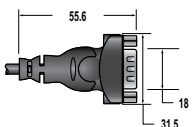
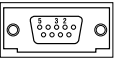
Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
BNC/ Pico QD Straight	2.00 m	PKG4M-2/CS	4.40 mm		<p><b>Female</b></p> <p>1 = Brown      3 = Blue 2 = Not Used    4 = Drain</p> <p><b>Male</b></p>	• IP68 Sealed P4
	5.00 m	PKG4M-5/CS				
	9.00 m	PKG4M-9/CS				

- Accessories
- Brackets
- Cordsets
- Retroreflectors
- Miscellaneous
- Reference

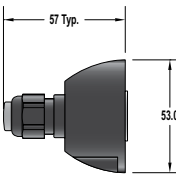
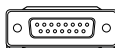
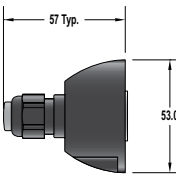
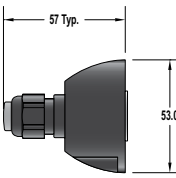
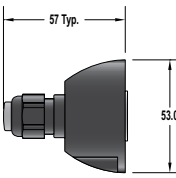
## Communication Cordsets

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
5-Pin M12/ Euro-Style, Straight	1.83 m	MQDMC-506	5.60 mm		<p><b>Male</b></p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>	• EZ-ARRAY to INTUSB485-1 USB Serial Adapter
	4.57 m	MQDMC-515				
	9.14 m	MQDMC-530				
5-Pin M12/ Euro-Style, Right-Angle	1.83 m	MQDMC-506RA	5.60 mm		<p><b>Male</b></p> <p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray</p>	• EZ-ARRAY to INTUSB485-1 USB Serial Adapter
	4.57 m	MQDMC-515RA				
	9.14 m	MQDMC-530RA				

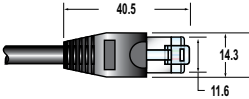

## DB9 Communication Cordsets

Style	Length	Model	Cable Diameter	Dimensions (mm)		Pinout	Used With
Male DB9/ Female DB9	1.83 m	DB9P06	6.00 mm	<b>Female</b> 		<b>Male</b>   	• Pro
	4.57 m	DB9P15		<b>Male</b> 			
	9.14 m	DB9P30		<b>Female</b> 			
Male DB9/ Female DB9	3.00 m	AG4-PCD9-3	5.00 mm	<b>Female</b> 		<b>Male</b>   	• AG4
	5.00 m	AG4-PCD9-5		<b>Male</b> 			
	10.0 m	AG4-PCD9-10		<b>Female</b> 			
Male DB9/USB	1.00 m	AG4-PCD9USB-1	4.6 mm	<b>Female</b> 		<b>Male</b>     	• AG4 Serial-to-USB Adapter
Male DB9/ Female DB9	2.00 m	MASC	5.00 mm	<b>Female</b> 		<b>Male</b>   	• MINI-ARRAY • High-Resolution MINI-ARRAY  2 = Transmit (TX) 3 = Receive (RX) 5 = Ground (GRD)

## DB15 Configuration/Machine Interface Cordsets

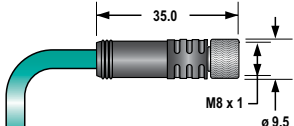

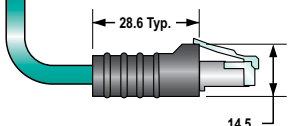

Style	Length	Model	Cable Diameter	Dimensions (mm)		Pinout	Used With
DB15	5.00 m	AG4-CPD15-5	8.50 mm	<b>Female</b> 		<b>Female</b> 	• AG4
	10.0 m	AG4-CPD15-10		<b>Female</b> 			
	25.0 m	AG4-CPD15-25		<b>Female</b> 			
	50.0 m	AG4-CPD15-50		<b>Female</b> 			

## RJ45 Ethernet Cordsets

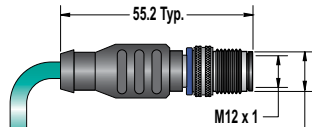

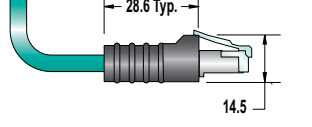
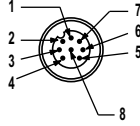
Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Cat5e Shielded	2.13 m	STP07	6.80 mm		<b>Male</b> 	<ul style="list-style-type: none"> <li>• Pro</li> <li>• P4</li> <li>• SC22-3E</li> </ul>
Cat5e Crossover Shielded		STPX07				
Cat5e Shielded	7.62 m	STP25				
Cat5e Crossover Shielded		STPX25				
Cat5e Shielded	15.2 m	STP50				
Cat5e Crossover Shielded		STPX50				
Cat5e Shielded	22.9 m	STP75				
Cat5e Crossover Shielded		STPX75				

- Accessories
- Brackets
- Cordsets
- Retroreflectors
- Miscellaneous
- Reference

## RJ45 Ethernet to 4-Pin Threaded M8/Pico-Style Cordsets

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Cat5e Shielded	2.00 m	IVUC-E-406	6.00 mm		<b>Male</b> 	• iVu Plus
	5.00 m	IVUC-E-415				
	9.00 m	IVUC-E-430				
	16.0 m	IVUC-E-450				
	23.0 m	IVUC-E-475				
					<b>Female</b>  1 = Blue 2 = White/Blue 3 = White/Orange 4 = Orange	

## RJ45 Ethernet to 8-Pin Threaded M12/Euro-Style Cordsets

Style	Length	Model	Cable Diameter	Dimensions (mm)	Pinout	Used With
Cat5e Shielded	1.83 m	STP-MAQDC-806	7.90 mm		<b>Male</b> 	• IP68 Sealed P4
	4.57 m	STP-MAQDC-815				
	9.14 m	STP-MAQDC-830				
					<b>Male</b>  1 = Wh/Bl    5 = Wh/Gr 2 = Wh/Br    6 = Wh/Or 3 = Brown    7 = Blue 4 = Orange    8 = Green	

## QD End-Caps

Replace or convert EZ-SCREEN Grid and Point hard-wire terminal chamber end cap to QD model.

Style	Model	Dimensions	Used With
3-pin Mini QD	EZA-QDE-3	Converts terminal chamber end cap to QD model	• EZ-SCREEN Emitters w/Terminal Chamber (Point & Grid)
5-pin Mini QD	EZA-QDE-5		• EZ-SCREEN Emitters w/Terminal Chamber & TEST (Point & Grid)
8-pin Mini QD	EZA-QDR-8		• EZ-SCREEN Receivers w/Terminal Chamber (Point & Grid)

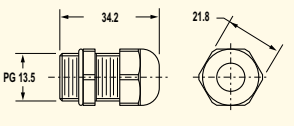
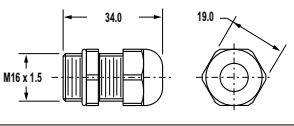
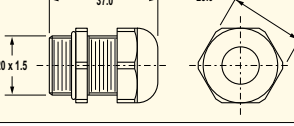
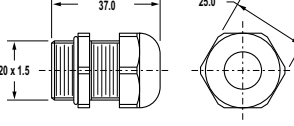
## Unterminated Bulk Cable

Cable: PVC jacket  
 Conductors: 20 AWG, PVC insulation  
 Voltage Rating: 250V ac/300V dc  
 Temperature: -40° to +80° C

Length	Models	Dimensions	Used With
7.6 m	UTB-325C	3-conductor (Brown, Blue, Green/Yellow)	• EZ-SCREEN Emitters w/Terminal Chamber (Point & Grid) • AC Interface Boxes
15.2 m	UTB-350C		
30.4 m	UTB-3100C		
76.2 m	UTB-3250C		
7.6 m	UTB-525C	5-conductor (Black, Blue, Brown, White, Green/Yellow)	• EZ-SCREEN Emitters w/Terminal Chamber & TEST (Point & Grid) • AC Interface Boxes
15.2 m	UTB-550C		
30.4 m	UTB-5100C		
76.2 m	UTB-5250C		
7.6 m	UTB-825C	8-conductor (Brown, Orange/Black, Orange, White, Black, Blue, Violet, Green/Yellow)	• EZ-SCREEN Receivers w/Terminal Chamber (Point & Grid) • AC Interface Boxes • DUO-TOUCH SG Run Bars
15.2 m	UTB-850C		
30.4 m	UTB-8100C		
76.2 m	UTB-8250C		

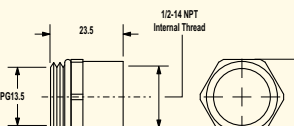
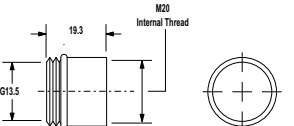
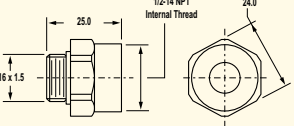
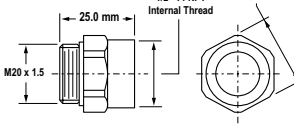
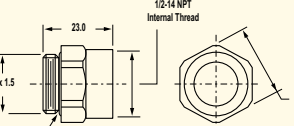
## Cable Glands

- Secures the cable end in the housing and seals the point of connection.
- Available for EZ-SCREEN Point and Grid, rope pulls and safety interlock switches.

Model	Size	For Cable Diameter	Dimensions	Used With
SI-QS-CG13	PG13.5 Plastic	3.0 to 8.0 mm		<ul style="list-style-type: none"> <li>• EZ-SCREEN w/Terminal Chamber (Point &amp; Grid)</li> </ul>
SI-QS-CGM16	M16 x 1.5 Plastic	3.0 to 8.0 mm		<ul style="list-style-type: none"> <li>• SI-QS75 Safety Interlock Switches</li> <li>• SI-LS83 Safety Interlock Switches</li> </ul>
SI-QS-CGM20	M20 x 1.5 Plastic	5.0 to 12.0 mm		<ul style="list-style-type: none"> <li>• SI-QS90 Safety Interlock Switches</li> <li>• SI-LS100 Safety Interlock Switches</li> <li>• SI-LS31 Safety Interlock Switches</li> <li>• SI-LS42 Safety Interlock Switches</li> <li>• RP-LS42 Rope Pull Switches</li> </ul>
SI-QM-CGM20	M20 x 1.5 Metal	5.0 to 12.0 mm		<ul style="list-style-type: none"> <li>• SI-LM40 Safety Interlock Switches</li> <li>• SI-QM100 Safety Interlock Switches</li> <li>• SI-LM40 Safety Interlock Switches</li> <li>• RP-RM83 Rope Pull Switches</li> <li>• RP-LM40 Rope Pull Switches</li> <li>• RP-QM72/QMT72 Rope Pull Switches</li> <li>• RP-QM90 Rope Pull Switch</li> </ul>

## Conduit Adapters

- Connects conduit of different diameters.
- Available for EZ-SCREEN Point and Grid, rope pulls and safety interlock switches.

Model	Size	Thread Conversion	Dimensions	Used With
SI-QM-13	1/2" NPT to PG13.5 Metal	PG 13.5 to 1/2" NPT		<ul style="list-style-type: none"> <li>• EZ-SCREEN w/Terminal Chamber (Point &amp; Grid)</li> </ul>
SI-QM-13-M20	M20 to PG13.5 Metal	PG 13.5 to M20		<ul style="list-style-type: none"> <li>• EZ-SCREEN w/Terminal Chamber (Point &amp; Grid)</li> </ul>
SI-QS-M16	1/2" - 14 NPT Plastic	M16 x 1.5 to 1/2" - 14 NPT		<ul style="list-style-type: none"> <li>• SI-QS75 Safety Interlock Switches</li> <li>• SI-LS83 Safety Interlock Switches</li> </ul>
SI-QS-M20	1/2" - 14 NPT Plastic	M20 x 1.5 to 1/2" - 14 NPT		<ul style="list-style-type: none"> <li>• SI-QS90 Safety Interlock Switches</li> <li>• SI-LS100 Safety Interlock Switches</li> <li>• SI-LS31 Safety Interlock Switches</li> <li>• SI-LS42 Safety Interlock Switches</li> <li>• RP-LS42 Rope Pull Switches</li> </ul>
SI-QM-M20	1/2" - 14 NPT Metal	M20 x 1.5 to 1/2" - 14 NPT		<ul style="list-style-type: none"> <li>• SI-LM40 Safety Interlock Switches</li> <li>• SI-QM100 Safety Interlock Switches</li> <li>• SI-LM40 Safety Interlock Switches</li> <li>• RP-RM83 Rope Pull Switches</li> <li>• RP-LM40 Rope Pull Switches</li> <li>• RP-QM72/QMT72 Rope Pull Switches</li> <li>• RP-QM90 Rope Pull Switch</li> </ul>

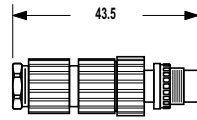
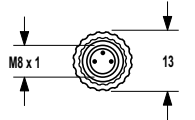
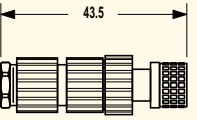
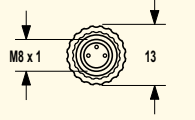
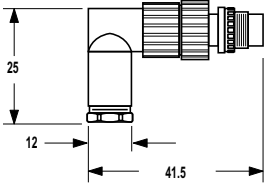
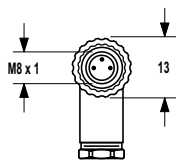
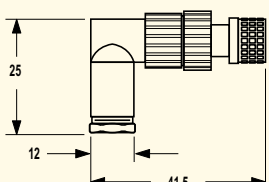
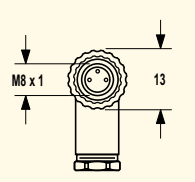
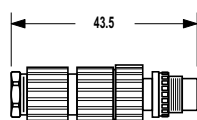
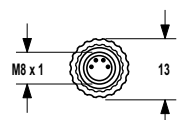
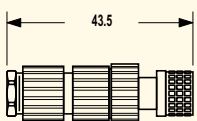
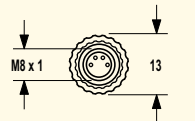
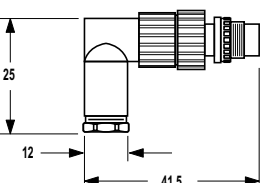
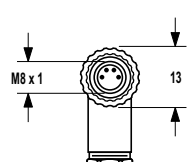
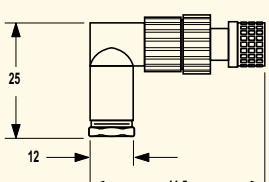
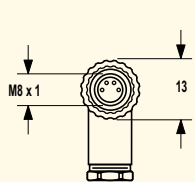
## Pico-Style Field-Wireable Connectors (M8)

Contacts: Gold-plated, rated 60V ac/dc max., 4.0 A max.

Cable Diameter: 4.0 to 5.0 mm

Temperature: -25° to +70° C

Environmental Rating: NEMA 6P, IP67

Style	Model	Dimensions	Pinout
3-Pin Male Straight	FIC-M8M3		
3-Pin Female Straight	FIC-M8F3		
3-Pin Male Right-Angle	FIC-M8M3A		
3-Pin Female Right-Angle	FIC-M8F3A		
4-Pin Male Straight	FIC-M8M4		
4-Pin Female Straight	FIC-M8F4		
4-Pin Male Right-Angle	FIC-M8M4A		
4-Pin Female Right-Angle	FIC-M8F4A		

## Euro-Style Field-Wireable Connectors (M12)

**Contacts:** Gold-plated; 4-pin models rated 250V ac/dc max., 4.0 A max.; 5-pin models rated 50V ac/dc max., 4.0 A max.  
**Cable Diameter:** 4.0 to 5.0 mm  
**Temperature:** -25° to +90° C  
**Environmental Rating:** NEMA 6P, IP67

Style	Model	Dimensions	Pinout
4-Pin Male Straight	FIC-M12M4		
4-Pin Female Straight	FIC-M12F4		
4-Pin Male Right-Angle	FIC-M12M4A		
4-Pin Female Right-Angle	FIC-M12F4A		
5-Pin Male Straight	FIC-M12M5		
5-Pin Female Straight	FIC-M12F5		
5-Pin Male Right-Angle	FIC-M12M5A		
5-Pin Female Right-Angle	FIC-M12F5A		

- Accessories
- Brackets
- Cordsets
- Retroreflectors
- Miscellaneous
- Reference