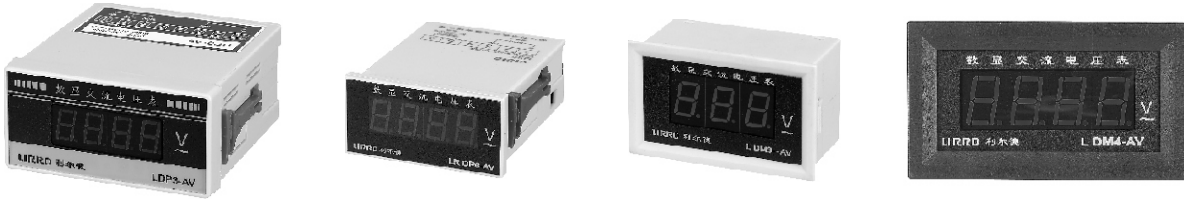


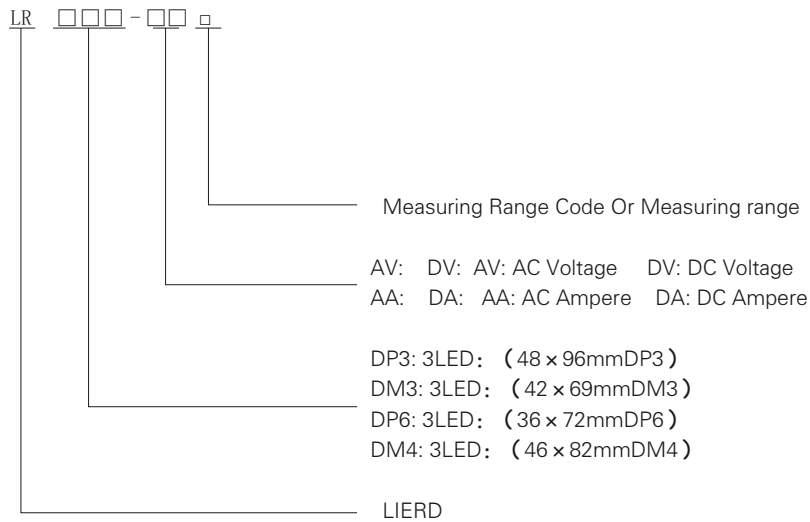
LRD Voltmeter, ammeter series



Features

- Conversion ratio 2.5/s
- Zero adjustment (Fixed decimal point)
- Display range ± 1999 (LDP3-□□) (LDP6-□□)

Type and meaning



Power source

Model & Spec.	Operating voltage
LRDP3 series	AC 110/220V
LRDP6 series	AC/DC 85~265V Input free
LRDM3 series	AC/DC 85/265V Input free AC/DC 8~13.5V Input free
LRDM4 series	DC5V/70mA

AC digital voltmeter

Model	Range	Resolving power	Input Resistance	PT	Measuring accuracy	Max. input
		DP3, DP6				
LDP□-AV0.2	200mV	100mV	10MΩ	Direct input	± 0.5%F.S ± 2Digit	5V (Peak)
LDP□-AV2	2V	1mV	10MΩ	Direct input	± 0.5%F.S ± 2Digit	10V (Peak)
LDP□-VV20	20V	10mV	10MΩ	Direct input	± 0.5%F.S ± 2Digit	50V (Peak)
LDP□-LAV200	200V	100mV	10MΩ	Direct input	± 0.5%F.S ± 2Digit	500V (Peak)
LDP□-LAV600	600V	1V	10MΩ	Direct input	± 1%F.S ± 2Digit	1000V (Peak)
LDP□-AV3K	3KV	10V	10MΩ	3KV:100V	± 1%F.S ± 2Digit	1000V (Peak)
LDP□-AV10K	10KV	10V	10MΩ	10KV:100V	± 0.5%F.S ± 2Digit	1000V (Peak)

AC digital ammeter

Model	Range	Resolving power	PT	Measuring accuracy	Max. input
		DP3, DP6			
LDP□-AA0.2	200mA	100uA	Direct input	± 0.5%F.S ± 2Digit	500mA
LDP□-AA2	2A	1mA	Direct input	± 0.5%F.S ± 2Digit	5A
LDP□-AA20	20A	10mA	20A:5A	± 0.5%F.S ± 2Digit	1.2F.S
LDP□-AA50	50A	100mA	50A:5A	± 1%F.S ± 2Digit	1.2F.S
LDP□-AA100	100A	100mA	100A:5A	± 0.5%F.S ± 2Digit	1.2F.S
LDP□-AA150	150A	100mA	150A:5A	± 0.5%F.S ± 2Digit	1.2F.S
LDP□-AA200	200A	100mA	200A:5A	± 0.5%F.S ± 2Digit	1.2F.S
LDP□-AA500	500A	1A	500A:5A	± 1%F.S ± 2Digit	1.2F.S
LDP□-AA1000	1000A	1A	1000A:5A	± 0.5%F.S ± 2Digit	1.2F.S
LDP□-AA1500	1500A	1A	1500A:5A	± 0.5%F.S ± 2Digit	1.2F.S
LDP□-AA2000	2000A	1A	2000A:5A	± 0.5%F.S ± 2Digit	1.2F.S

DC digital voltmeter

Model	Range	Resolving power	Input Resistance	Measuring accuracy	Max. input
		DP3, DP6			
LDP□-DV0.2	200mV	100uV	10MΩ	± 0.5%F.S ± 2Digit	10V
LDP□-DV2	2V	1mV	10MΩ	± 0.5%F.S ± 2Digit	100V
LDP□-DV20	20V	10mV	10MΩ	± 0.5%F.S ± 2Digit	500V
LDP□-DV200	200V	100mV	10MΩ	± 0.5%F.S ± 2Digit	750V
LDP□-DV500	500V	1V	10MΩ	± 1%F.S ± 2Digit	800V

DC digital ammeter

Model	Range	Resolving power		PT	Measuring accuracy	Max. input	Internal impedance
		DP3, DP6					
LDP□-DA0.0002	0.2mA	100uA		Direct input	± 0.5%F.S ± 2Digit	10mA	1KW
LDP□-DA0.002	2mA	1mA		Direct input	± 0.5%F.S ± 2Digit	100mA	100W
LDP□-DA0.02	20mA	10mA		Direct input	± 0.5%F.S ± 2Digit	500mA	10W
LDP□-DA02	200mA	100mA		Direct input	± 0.5%F.S ± 2Digit	1A	1W
LDP□-DA2	2A	1mA		Direct input	± 0.5%F.S ± 2Digit	5A	0.1W
LDP□-DA20	20A	10mA		20A:75mV	± 0.5%F.S ± 2Digit	1.5F.S	5MW
LDP□-DA30	30A	100mA		30A:75mV	± 1%F.S ± 2Digit	1.5F.S	5MW
LDP□-DA50	50A	100mA		50A:75mV	± 1%F.S ± 2Digit	1.5F.S	5MW
LDP□-DA100	100A	100mA		100A:75mV	± 0.5%F.S ± 2Digit	1.5F.S	5MW
LDP□-DA150	150A	100mA		150A:75mV	± 0.5%F.S ± 2Digit	1.5F.S	5MW
LDP□-DA200	200A	100mA		200A:75mV	± 0.5%F.S ± 2Digit	1.5F.S	5MW
LDP□-DA300	300A	1A		300A:75mV	± 1%F.S ± 2Digit	1.5F.S	5MW
LDP□-DA500	500A	1A		500A:75mV	± 1%F.S ± 2Digit	1.5F.S	5MW
LDP□-DA1000	1000A	1A		1000A:75mV	± 0.5%F.S ± 2Digit	1.5F.S	5MW
LDP□-DA1500	1500A	1A		1500A:75mV	± 0.5%F.S ± 2Digit	1.5F.S	5MW
LDP□-DA2000	2000A	1A		2000A:75mV	± 0.5%F.S ± 2Digit	1.5F.S	5MW

Instruction

- (1) Measuring accuracy in ambient temperature of $20 \pm 2^{\circ}\text{C}$, humidity of 45% to 75% R.H.
- (2) The list of item CT and PT mode is basic model, the other scale for example, rated current 10A, 15A, 30A, 75A, 250A, 1500A……, rated current 1KV, 6KV, 1KV, 35KV, 110KV……, it according to customer offers.
- (3) With AC CT of the second ampere is 5A, AC PT of the second voltage is 100V, DC divider of the second voltage is 75mV. If the second ampere and voltage is other value, customer need to remark.
- (4) According to customer requirement, the meter can be offered with CT or PT.
- (5) The using scale of the meter can be adjusted by pushing the decimal point setting switch and the scale setting switch of the meter.

Technical parameters

Input mode A/D convert	Single-end Input
Sampling time	Dual slope
Frequency range	Abt. 2.5 sec
Over input indication	40 ~ 200Hz (Only for AC)
Polarity display	"1" or "1" "-" Only"-display
Display	(14.2mmH) Red LED (14.2mmH)
Aux. power supply	AC 110/220V ± 10%, 50/60Hz
Power consumption	≤4.5VA
Dielectric withstand voltage	AC 1500V 1min
Insulation resistance	DC 500V ≥100M
Weight	≤280g