

Function	Range(3)	Resolution	Input Resistance etc.	24 Hour 23°C±1°C	90 Day 23°C±5°C	1 Year 23°C±5°C	Temperature Coefficient 0°~18°C /28°~55°C
DC Voltage	100.0000 mV	0.1μV	10MΩ or >10GΩ	0.0030 + 0.0030	0.0040 + 0.0035	0.0050 + 0.0035	0.0005 + 0.0005
	1.000000 V	1μV	10MΩ or >10GΩ	0.0015 + 0.0004	0.0020 + 0.0005	0.0035 + 0.0005	0.0005 + 0.0001
	10.00000 V	10μV	11.11MΩ±1%	0.0020 + 0.0006	0.0030 + 0.0007	0.0048 + 0.0007	0.0005 + 0.0001
	100.0000 V	0.1mV	10.1MΩ±1%	0.0020 + 0.0006	0.0035 + 0.0006	0.0081 + 0.0006	0.0005 + 0.0001
	1000.000 V	1mV	10.1MΩ±1%	0.0025 + 0.0006	0.0044 + 0.0010	0.0090 + 0.0010	0.0005 + 0.0001
Resistance(4)	100.0000 Ω	100μΩ	1 mA	0.0030 + 0.0030	0.008 + 0.004	0.010 + 0.004	0.0008 + 0.0005
	1.000000 kΩ	1mΩ	1 mA	0.0020 + 0.0005	0.008 + 0.001	0.010 + 0.001	0.0008 + 0.0001
	10.00000 kΩ	10mΩ	100μA	0.0020 + 0.0005	0.008 + 0.001	0.010 + 0.001	0.0008 + 0.0001
	100.0000 kΩ	100mΩ	10μA	0.0020 + 0.0005	0.008 + 0.001	0.010 + 0.001	0.0008 + 0.0001
	1.000000 MΩ	1μΩ	3.5μA	0.0020 + 0.0010	0.008 + 0.001	0.010 + 0.001	0.0010 + 0.0002
	10.00000 MΩ	10Ω	350nA	0.0150 + 0.0010	0.020 + 0.001	0.040 + 0.001	0.0030 + 0.0004
	100.0000 MΩ	100Ω	350 nA//10 MΩ	0.3000 + 0.0100	0.800 + 0.010	0.800 + 0.010	0.1500 + 0.0002
DC Current	100.0000 μA	100pA	< 0.015 V	0.010 + 0.020	0.04 + 0.025	0.05 + 0.025	0.002 + 0.0030
	1.000000 mA	1nA	< 0.15 V	0.007 + 0.005	0.03 + 0.005	0.05 + 0.005	0.002 + 0.0005
	10.00000 mA	10nA	< 0.07 V	0.005 + 0.010	0.03 + 0.020	0.05 + 0.020	0.002 + 0.0020
	100.0000 m A	0.1μA	< 0.7 V	0.010 + 0.004	0.03 + 0.005	0.05 + 0.005	0.002 + 0.0005
	1.000000 A	1μA	< 0.8 V	0.050 + 0.006	0.08 + 0.010	0.10 + 0.010	0.005 + 0.0010
	10.00000 A	10μA	< 0.5 V	0.100 + 0.008	0.12 + 0.008	0.15 + 0.008	0.005 + 0.0008
Continuity	1000.000 Ω	0.001Ω	1 mA	0.002 + 0.030	0.008 + 0.030	0.010 + 0.030	0.001 + 0.002
Diode Test	1.000000 V	1μV	1 mA	0.002 + 0.010	0.008 + 0.020	0.010 + 0.020	0.001 + 0.002
True RMS AC Voltage(6)	100.0000 mV	0.1μV	3Hz - 5Hz	1.00 + 0.03	1.00 + 0.04	1.00 + 0.04	0.100 + 0.004
			5Hz - 10Hz	0.35 + 0.03	0.35 + 0.04	0.35 + 0.04	0.035 + 0.004
			10Hz - 20kHz	0.04 + 0.03	0.05 + 0.04	0.06 + 0.04	0.005 + 0.004

			20kHz - 50kHz	0.10 + 0.05	0.11 + 0.05	0.12 + 0.05	0.011 + 0.005
			50kHz - 100kHz	0.55 + 0.08	0.60 + 0.08	0.60 + 0.08	0.060 + 0.008
			100kHz - 300kHz	4.00 + 0.50	4.00 + 0.50	4.00 + 0.50	0.200 + 0.020
	1.000000 V to 750.000 V(5)	1μV ~ 1mV	3Hz - 5Hz	1.00 + 0.02	1.00 + 0.03	1.00 + 0.03	0.100 + 0.003
			5Hz - 10Hz	0.35 + 0.02	0.35 + 0.03	0.35 + 0.03	0.035 + 0.003
			10Hz - 20kHz	0.04 + 0.02	0.05 + 0.03	0.06 + 0.03	0.005 + 0.003
			20kHz - 50kHz	0.10 + 0.04	0.11 + 0.05	0.12 + 0.05	0.011 + 0.005
			50kHz - 100kHz	0.55 + 0.08	0.60 + 0.08	0.60 + 0.08	0.060 + 0.008
			100kHz - 300kHz	4.00 + 0.50	4.00 + 0.50	4.00 + 0.50	0.200 + 0.020
	True RMS AC Current(6)	1.000000 mA	1nA	3Hz - 5Hz	1.00 + 0.04	1.00 + 0.04	1.00 + 0.04
5Hz - 10Hz				0.30 + 0.04	0.30 + 0.04	0.30 + 0.04	0.035 + 0.006
10Hz - 5kHz				0.10 + 0.04	0.10 + 0.04	0.10 + 0.04	0.015 + 0.006
5kHz - 10kHz				0.20 + 0.25	0.20 + 0.25	0.20 + 0.25	0.030 + 0.006
10.000000 mA		10nA	3Hz - 5Hz	1.10 + 0.06	1.10 + 0.06	1.10 + 0.06	0.200 + 0.006
			5Hz - 10Hz	0.35 + 0.06	0.35 + 0.06	0.35 + 0.06	0.100 + 0.006
			10Hz - 5kHz	0.15 + 0.06	0.15 + 0.06	0.15 + 0.06	0.015 + 0.006
			5kHz - 10kHz	0.35 + 0.70	0.35 + 0.70	0.35 + 0.70	0.030 + 0.006
100.0000 mA		100nA	3Hz - 5Hz	1.00 + 0.04	1.00 + 0.04	1.00 + 0.04	0.100 + 0.006
			5Hz - 10Hz	0.30 + 0.04	0.30 + 0.04	0.30 + 0.04	0.035 + 0.006
			10Hz - 5kHz	0.10 + 0.04	0.10 + 0.04	0.10 + 0.04	0.015 + 0.006
			5kHz - 10kHz	0.20 + 0.25	0.20 + 0.25	0.20 + 0.25	0.030 + 0.006
1.000000 A		1μA	3Hz - 5Hz	1.00 + 0.04	1.00 + 0.04	1.00 + 0.04	0.100 + 0.006
			5Hz - 10Hz	0.30 + 0.04	0.30 + 0.04	0.30 + 0.04	0.035 + 0.006
			10Hz - 5kHz	0.10 + 0.04	0.10 + 0.04	0.10 + 0.04	0.015 + 0.006
			5kHz - 10kHz	0.35 + 0.70	0.35 + 0.70	0.35 + 0.70	0.030 + 0.006
10.000000 A		10μA	3Hz - 5Hz	1.10 + 0.06	1.10 + 0.06	1.10 + 0.06	0.100 + 0.006
			5Hz - 10Hz	0.35 + 0.06	0.35 + 0.06	0.35 + 0.06	0.035 + 0.006
			10Hz - 5kHz	0.15 + 0.06	0.15 + 0.06	0.15 + 0.06	0.015 + 0.006
			5kHz - 10kHz	0.35 + 0.70	0.35 + 0.70	0.35 + 0.70	0.030 + 0.006
Frequency / Period	100.0000mV to 750.000V(5)	—	3Hz - 5Hz	0.1	0.1	0.1	0.005
			5Hz - 10Hz	0.05	0.05	0.05	0.005
			10Hz - 40Hz	0.03	0.03	0.03	0.001
			40Hz - 300kHz	0.006	0.01	0.01	0.001
Temperature (RTD)	-200 °C ~ 600 °C	0.001 °C	—	—	—	0.06 °C (typical)	0.005 °C / °C (typical)

Temperature (Thermocouple)	-200 °C ~ + 1300 °C	0.002 °C	E / J / T / K / N	—	—	0.3 °C (typical)	0.004 °C / °C (typical)
	-50 °C ~ + 1820 °C	0.01 °C	R / S / B	—	—	1 °C	0.14 °C / °C
Display	VFD, Tow Colors Display		Note :				
Interface	RS -232C, USB, Digital I/O		1. All specifications are ensured only under a single display.				
Power Source	AC 100 V / 120 V / 220 V / 240 V ±10%		2. Accuracy : ± (% of reading + % of range)				
Power Line Frequency	45 Hz to 66 Hz and 360 Hz to 440 Hz		3. 20% overrange on all ranges, except 1000Vdc, 750Vac and 10A.				
Power Consumption	Max. 25VA		4. Resistance is for 4-wire ohms function, or 2-wire ohms with REL on.				
Dimensions	265(W) x 107(H) x 350(D) mm		5. 750Vac range limited to 100kHz				
Weight	Approx. 3.1kg without option		6. AC Characteristics are for sinewave input > 5% of range.				