

Voltage Measurement

DC ranges200 mV, 2 V, 20 V, 60 V

AC ranges200 mV_{rms}, 2 V_{rms}, 20 V_{rms}

Accuracy

Function	Range	Resolution	Accuracy	
			± ([% of Reading] + Offset)	
DC Volts	200.0 mV	0.1 mV	0.5% + 0.2 mV	
	2.000 V	0.001 V	0.5% + 2 mV	
	20.00 V	0.01 V	0.5% + 20 mV	
	60.0 V	0.1 V	0.5% + 200 mV	
			40 to 400 Hz	400 to 2,000 Hz
AC Volts	200.0 mV	0.1 mV	1% + 0.15%*	—
	2.000 V	0.001 V	1% + 0.15%	5% + 3 mV
	20.00 V	0.01 V	1% + 0.15%	5% + 30 mV
* The accuracy for AC Volts 200.0 mV range is in the frequency range of 40 Hz to 100 Hz				

Input impedance10 MΩ

Current Measurement

DC ranges20 mA, 200 mA, 1 A

AC ranges20 mA_{rms}, 200 mA_{rms}, 1 A_{rms}

Accuracy

Function	Range	Resolution	Accuracy	
			± ([% of Reading] + Offset)	
DC Amps	20.00 mA	0.01 mA	1% + 0.02 mA	
	200.0 mA	0.1 mA	0.5% + 0.2 mA	
	1.000 A	0.001 A	0.5% + 2 mA	
			40 to 400 Hz	400 to 2,000 Hz
AC Amps	20.00 mA	0.01 mA	1.5% + 0.03 mA	5.5% + 0.03 mA
	200.0 mA	0.1 mA	1% + 0.3 mA	5% + 0.3 mA
	1.000 A	0.001 A	1% + 3 mA	5% + 3 mA

Input protection Internal ceramic fuse, 1.25 A
 250 V, fast-acting, 5 × 20 mm,
 F 1.25A H 250V
 (Littelfuse part number 02161.25)

Resistance Measurement

Ranges 200 Ω, 2 kΩ, 20 kΩ, 200 kΩ,
 2 MΩ, 20 MΩ

Accuracy

Function	Range	Resolution	Accuracy	
			± ([% of Reading] + Offset)	
Ω	200.0 Ω	0.1 Ω	0.8% + 0.3 Ω*	
	2.000 kΩ	0.001 kΩ	0.8% + 3 Ω	
	20.00 kΩ	0.01 kΩ	0.8% + 30 Ω	
	200.0 kΩ	0.1 kΩ	0.8% + 300 Ω	
	2.000 MΩ	0.001 MΩ	0.8% + 3 kΩ	
	20.00 MΩ	0.01 MΩ	1.5% + 50 kΩ	

* Exclusive of lead wire resistance