



AC/DC Current Probe Model SL361

Cat. #2153.09

10A, 100mV/A & 100A, 10mV/A, BNC

Portable 100A peak current probe with insulated BNC output cable for accurately measuring AC or DC current waveforms. Features proportional mV output for direct readings on oscilloscopes.


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ELECTRICAL	
Nominal Range	10 APEAK; 100 APEAK
Measurement Range	100 mA to 100 APEAK
Bandwidth	100 kHz (-3 dB) (depending on current value)
Output Signal	100 mV/A (10 A range) 10 mV/A (100 A range)
Phase Shift (DC to 65 Hz)	
1 mV/mA Range	–
10 mV/mA Range	< 1 °
100 mV/mA Range	< 1.5 °
Load Impedance	≥ 1 MΩ and ≤ 100 pF
Common Mode Voltage (600 V max) with AC measurement (max)	600 V at 50/60 Hz: ≤ 1 mA/100 V at 400 Hz: ≤ 7 mA/100 V
MECHANICAL	
Power Supply	9 V alkaline battery or 5 Vdc via micro-USB (up to 80 hours with alkaline battery)
Output Termination	6.5 ft (2 m) coaxial cable terminated by (1) insulated BNC plug
Maximum Conductor Size	0.46 in (11.8 mm)
Dimensions	(9.09 x 1.42 x 2.64) in (231 x 36 x 67) mm
Weight	11.6 oz (330 g) with battery

For more details, download the datasheet or user manual at www.aemc.com

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ENVIRONMENTAL	
Operating Relative Humidity	(0 to 85) % RH with a linear decrease above 95 °F (35 °C)
Operating Temperature	(14 to 122) °F (-10 to 50) °C
Storage Temperature	(-22 to 176) °F (-30 to 80) °C
SAFETY	
Electrical	IEC 61010-1, IEC 61010-2-032, 600 V CAT III, 300 V CAT IV 
Ingress Protection	IP20 per IEC 60529
UL Approval	Yes

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