



AC/DC Current Probe Model MR561

Cat. #1200.73

150A, 10mV/A & 1500A, 1mV/A, BNC

Designed for oscilloscopes, waveform displaying instruments, and other frequency sensitive displaying instruments with BNC inputs. Measures 100A_{AC}/150A_{DC} and 1000A_{AC}/1500A_{DC}. Includes a 6.5' (1.98m) lead terminated by a BNC connector. Conforms to EN 61010, 600V CAT III.

Maximum Conductor Size	Cable: 1.6" (42mm) 2 Bus bar: 1.96 x 0.19" (50 x 5mm)
Current Range	0.2 to 100A _{AC} , 150A _{DC} , and 0.5 to 1000A _{AC} , 1500A _{DC}
Measurement Range	0.2 to 100A _{AC} , 150A _{DC} , and 0.5 to 1000A _{AC} , 1500A _{DC}
Output	6.5 ft (2m) coaxial cable with insulated BNC plug
Output Signal	10mV/A (1V @ 100A) and 1mV/A (1V @ 1000A)
Accuracy 50/60Hz	1.5% R ±0.5A @ 100A; 2.5% R ±0.5A @ 800A
Frequency Range	40Hz to 10kHz
Phase Shift at 50Hz	3° @ 100A; 2.5° @ 800A
Load impedance	1MΩ
Battery and Battery Life	9V (6LR61), 100H typical
Overload	1000A continuous up to 1kHz
Operating Temperature	+14° to +131°F (-10° to +55°C)
Storage Temperature	-40° to +176°F (-40° to +80°C)
Operating Humidity	90% RH
Dimensions (HxWxD)	9.31 x 3.82 x 1.43" (236 x 97 x 44mm)
Weight	15oz (480g)
Pollution Degree	2
Ingress Protection	IP40
EMC	EN 61326-1
Safety Compliance	EN/IEC 61010-1 600V CAT III EN/IEC 6110-032

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