

## AC Current Probe Model MN03

Cat. #2129.18  
(100AAC/0.1VAC (1mV/A), Lead)

Designed for digital multimeters, loggers, recorders, and oscilloscopes to measure AC currents in low-power secondary or industrial applications. When used with an AC voltmeter, enables direct reading of the current measured on the voltmeter. Measurement range 1 to 100A<sub>AC</sub>. Jaw opening accommodates conductors up to 0.39" diameter. Features 40Hz to 10kHz response and 1mA<sub>AC</sub>/A<sub>AC</sub> output signals. Conforms to EN 61010, 600V CAT III safety standard.



Maximum Conductor Size	0.39" (10mm)
Current Range	100Arms AC
Measurement Range	1 to 100A
Output	5ft (1.5m) lead with 4mm safety banana plug
Transformation Ratio	N/A
Output Signal	100AAC/0.1VAC (1mV/A)
Accuracy 50/60Hz	2% R ± 50mA
Frequency Range	48 to 500Hz
Phase Shift At 50Hz	N/A
Open Secondary Voltage	N/A
Load Impedance	1MΩ
Overload	150A Permanent
Dimensions (H x W x D)	4.43 x 1.48 x 1.02" (112.5 x 37.5 x 26mm)
Weight With 24" (610mm) Sensor	6.5 oz (180g)
Operating Temperature	14° to +122°F (-10° to +50°C)
Storage Temperature	-40° to +176°F (-40° to +80°C)
Operating Humidity	90% RH
Pollution Degree	2
Ingress Protection (Ip)	IP40
EMC	EN 61326-1
Safety Compliance	EN/IEC 61010-1 600V CAT III, EN/IEC 61010-032



For more details, download the datasheet or user manual at [www.aemc.com](http://www.aemc.com)