



AC Current Probe Model MN185

Cat. #100.185

100A, 1mA/A, Jack

Rugged mini-probe designed for digital multimeters for measuring up to 120A_{AC}. Can perform very low AC current measurements. Features a special magnetic core to provide higher accuracy and lower phase shift. Provides an output signal of 1mA_{AC}/A_{AC}. The output terminations are standard 4mm banana jacks. Ideal for use in limited-space areas such as breaker panels, controller panels, and outlets.

Maximum Clamping Diameter	0.47" (12mm)
Current Range	120Arms AC
Measurement Range	50mA to 120AAC
Output Signal	1mAAC / AAC (120mA @ 120A)
Transformation Ratio	1000:1
Output	5 ft (1.5m) lead with 4mm safety banana plug
Accuracy 50/60Hz	1% R ± 0.01A (typical)
Frequency Range	30Hz to 10kHz
Phase Shift at 50/60Hz	<3.5°
Open Secondary Voltage	N/A
Load Impedance	5Ω max
Weight	5.6 oz (160g)
Dimensions (HxWxD)	1.26 x 4.5 x 0.87" (32 x 115 x 22mm)
Operating Temperature	-13° to +122°F (-25° to +50°C)
Storage Temperature	-40° to +176°F (-40° to +80°C)
Rating	UL 94 V0
Safety	250V working voltage, 30V max common mode between output and ground, 3kV 50/60Hz dielectric for 1mm

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