



AC/DC Current Probe Model MR416 (Replaces Cat #1200.68 - Model MR411)

Cat. #1200.82

0.5 to 40AAC, 60ADC & 0.5 to 400AAC, 600ADC, 10mV/A & 1mV/A via a 5ft (1.5m) lead with 4 mm safety banana plug

Hall effect current probe with 2 ranges designed for Digital Multimeters and Data loggers.

Cat.#1200.82

Maximum Conductor Size	Cables: One 1.18" (30mm) or two .94" (24mm) Bus Bar: One 1.97 x .39" (50 x 10mm) or two 1.23 x .39" (31.5 x 10mm) or three 0.98" x 0.31" (25 x 8mm)
Current Range	0.5 to 40AAC, 60ADC & 0.5 to 400AAC, 600ADC
Output Signal	10mV/A & 1mV/A via a 5ft (1.5m) lead with 4 mm safety banana plug
Accuracy 50/60Hz	≤1.5% @ 40A & ≤2% @ 400A
Frequency Range	DC to 30kHz (-3dB) (depending of current value)
Phase Shift At 50Hz	≤2.2° @ 40A ≤1.5° @ 400A
Load Impedance	>1MΩ and ≤100pF
Overload	3000ADC or 1000AAC continuous for < 1kHz
Zero Adjust	Automatic on both ranges
Power Supply	9V alkaline Battery (NEDA 1060A, 6LR61) or 5V DC Micro-USB type B
Battery Life	50H typical
Low Battery Indication	Green LED blinking
Overload Indication	Red LED on when measurement > than selected range
Dimensions (H x W x D)	8.82 x 3.82 x 1.73" (224 x 97 x 44mm)
Weight (with Battery)	0.98lbs (440g)
Operating Temperature	14° to +131°F (-10 to +55°C)
Storage Temperature	-40° to +176°F (-40 to +80°C)
Relative Humidity	Up to 85% @ 35°C
Ingress Protection (Ip)	IP 40
EMC	EN 61326-1

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

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