

AC Current Probe Model MN01

Cat. #2129.17
(150AAC/0.15AAC (1mA/A), Lead)

Designed for digital multimeters, loggers, recorders, and oscilloscopes to measure AC currents in low-power secondary or industrial applications. Measurement range 2 to 150A_{AC}. Jaw opening accommodates conductors up to 0.39" diameter. Features 40Hz to 10kHz response and 1mA_{AC}/A_{AC} output signals. Protected against overvoltages during disconnection from the measurement instrument. Conforms to EN 61010, 600V CAT III safety standard.



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|-------------------------|---|
| Maximum Conductor Size | 0.39" (10mm) |
| Current Range | 150Arms AC |
| Measurement Range | 2 to 150A |
| Output | 5ft (1.5m) lead with 4mm safety banana plug |
| Transformation Ratio | 1000/1 |
| Output Signal | 150AAC/0.15AAC (1mA/A) |
| Accuracy 50/60 Hz | 2.5% R ± 0.15A with 1Ω load |
| Frequency Range | 48 to 500Hz |
| Phase Shift At 50 Hz | N/A |
| Open Secondary Voltage | ≤30V |
| Load Impedance | 10Ω max |
| Overload | 170A for 10 min ON, 30 min OFF |
| Dimensions (H x W x D) | 4.43 x 1.48 x 1.02" (112.5 x 37.5 x 26 mm) |
| Weight | 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 |

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

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • www.aemc.com
customerservice@aemc.com • techsupport@aemc.com

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