



DC/AC MicroProbe Model K110

Cat. #2111.73

450mA, 10mV/mA

Measures down to 100 μ A_{AC/DC}. The unit has proportional mV output for direct readings on digital multimeters. Ideal for calibration of current loop process instruments, such as 4 to 20mA or 0 to 20mA.

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Maximum Conductor Size	3/16 in, 0.18 in (4.5 mm)
Current Range	(0 to $\pm$ 450) mA _{DC} (0 to 300) mA _{RMS} (sinusoidal) (0 to 200) mA peak, square and step-discontinuous waveforms
Output	5 ft (1.5 m) lead with (2) 4 mm banana plug
Output Signal	10 mV/mA
Resolution	DC: 50 μ A typical AC: 150 μ A typical
Accuracy	DC: (1 to 200) mA: 0.5 % reading $\pm$ 150 μ A (200 to 400) mA: 1.5 % reading $\pm$ 200 μ A AC: 1% reading $\pm$ 300 μ A
Output Noise	<100 μ V, DC to 3 kHz
Frequency Range	DC to 1.5 kHz
Output Impedance	200 Ω
Overload	$\pm$ 4.7 mA
Power Source	One 9 V alkaline battery
Battery Life	20 H
Operating Temperature	(14 to +131) °F (-10° to +55) °C, 95 % RH
Storage Temperature	(-40 to +176) °F (-40 to +80) °C
Dimensions	Probe: (4.4 x 0.6 x 1.0) in (111 x 15 x 25) mm Module: (4.9 x 2.5 x 1.1) in (124 x 64 x 28) mm
Weight	9 oz (250 g)
Ingress Protection	IP 40
EMC	EN50082-1 class A, EN 50081-1

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

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