



## DC/AC MicroProbe Model K110

**Cat. #2111.73**

**450mA, 10mV/mA**

Measures down to 100 $\mu$ A<sub>AC/DC</sub>. 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", 0.18" (4.5mm)                                                                    |
| Current Range          | 450mA DC / 300mArms AC                                                                  |
| Measurement Range      | 100 $\mu$ A to $\pm$ 450mADC / 100 $\mu$ A to 300mAAC                                   |
| Output                 | 5ft (1.5m) lead with two 4mm banana plug                                                |
| Output Signal          | 10mV/mA                                                                                 |
| Resolution             | DC: 50 $\mu$ A, AC: 100 $\mu$ A typical                                                 |
| Accuracy               | DC: 0.5%R $\pm$ 150 $\mu$ A; AC: 0.8%R $\pm$ 200 $\mu$ A                                |
| Output Noise           | <100 $\mu$ V, DC to 3kHz                                                                |
| Frequency Range        | DC to 1.5kHz                                                                            |
| Output Impedance       | 200 $\Omega$                                                                            |
| Overload               | $\pm$ 4.7mA                                                                             |
| Power Source           | One 9V alkaline battery                                                                 |
| Battery Life           | 20H                                                                                     |
| 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" (111 x 15 x 25mm)<br>Module: 4.9 x 2.5 x 1.1" (124 x 64 x 28mm) |
| Weight                 | 9 oz (250g)                                                                             |
| 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](http://www.aemc.com)

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