



## MiniFlex<sup>®</sup> 14" Model MA114

Cat. #2153.41

3A/3V, 30A/3V, 300A/3V, 3000A/3V

Flexible 14" AC current sensor which permits measurements on conductors where standard clamp-on probes cannot be used. Not effected by magnetic saturation, provides excellent linearity, and low phase shift.

Maximum Conductor Size	4" (10cm)
Current Range	3A, 30A, 300A, and 3000Arms AC
Measurement Range	0.5 to 3000A
Output Signal	1V/A, 100mV/A, 10mV/A, and 1mV/A
Accuracy	±(1% + 40mV)
Phase at 50Hz/60Hz	≤1.5°
Output Cable	19.7" (0.5m) leads with 4mm safety banana plug Black and Red
Frequency Range	10HZ to 10KHZ on the 3A range and 10Hz to 20KHz on the other
Battery Type	2 x 1.5V AA/LR6 batteries
Battery Life	300 hours typical, 1,800 10 minutes test
External Power	The MA114 can be powered by a standard power adapter (5 V <sub>DC</sub> , 100 mA) with a type B micro-USB conector.
Sensor	The flexible sensor can withstand a temperature of 194°F (90°C) and is resistant to oil and Aliphatic hydrocarbons
Cable Length (Module to Sensor)	6ft (1.83m)
Battery Indicator	yes
Dimensions (H x W x D)	Module: 4.72 x 2.28 x 1.42" (120 x 58 x 36mm)
Weight	10.5oz (300g)
Operating Temperature	14° to +131°F (-10° to +55°C)
Storage Temperature (without battery)	-40° to +176°F (-40° to +80°C)
Operating Humidity	80% up to 50°F (122°C)
Pollution Degree	2
Ingress Protection (IP)	Case IP54, Sensor IP67

For more details, download the datasheet or user manual at [www.aemc.com](http://www.aemc.com)

<b>EMC</b>	EN 61326-1	
<b>Safety Compliance</b>	EN/IEC 61010-1 600V CATIV, 1000V CAT III EN/IEC 61010-032:2002	<b>CE</b>

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