

## MiniFlex<sup>®</sup> Flexible Sensors



The MiniFlex<sup>®</sup> is a compact flexible AC current transformer composed of a flexible sensor and an electronic module. The flexible sensor permits measurements on conductors where standard clamp-on probes can not be used. In particular, it can be installed in confined spaces, places where access is difficult, or even wrapped around irregular shapes.

Model MF 300-6-2-10 (Cat. #2126.81)			
Maximum Conductor Size	1.77" (45mm)	Current Range	30A and 300Arms AC
Measurement Range	0.5 to 300A	Output Signal	100mV/A and 10mV/A
Accuracy	±(1% + 0.25A)	Phase at 50Hz	1.5°
Output Cable	19.6" (0.5m) Coaxial cable with female BNC connector		
Model MF 3000-10-2-1 (Cat. #2126.82)			
Maximum Conductor Size	2.95" (70mm)	Current Range	300 and 3000Arms AC
Measurement Range	0.5 to 3000A	Output Signal	10mV/A and 1mV/A
Accuracy	±(1% + 0.25A)	Phase at 50Hz	0.8°
Output Cable	19.6" (0.5m) Coaxial cable with female BNC connector		
Model MF 3000-14-1-1 (Cat. #2132.60)			
Maximum Conductor Size	3.93" (100mm)	Current Range	3000Arms AC
Measurement Range	0.5 to 3000A	Output Signal	1mV/A
Accuracy	±(1% + 0.25A)	Phase at 50Hz	1.5°
Output Cable	10ft (3m) Coaxial cable with female BNC connector		
Model MF 3000-24-1-1 (Cat. #2132.63)			
Maximum Conductor Size	7.5" (190mm)	Current Range	3000Arms AC
Measurement Range	0.5 to 3000A	Output Signal	1mV/A
Accuracy	±(1% + 0.25A)	Phase at 50Hz	1.5°
Output Cable	10ft (3m) Coaxial cable with female BNC connector		

### General Specifications

Frequency Range	10Hz to 3KHz
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For more details, download the datasheet or user manual at [www.aemc.com](http://www.aemc.com)

<b>Battery Type</b>	2 x 1.5V AAA/LR3 batteries
<b>Battery Life</b>	70 hours typical
<b>Ampflex® Sensor</b>	The flexible sensor can withstand a temperature of 194°F (90°C) and is resistant to oil and Aliphatic hydrocarbons
<b>Cable Length (Module to Sensor)</b>	6 ft (1.83m)
<b>Battery Indicator</b>	yes
<b>Dimensions (H x W x D)</b>	Module: 3.94 x 2.36 x 0.79" (103 x 60 x 20mm)
<b>Weight</b>	0.29 lbs (130g)
<b>Operating Temperature</b>	32° to +122°F (0° to +50°C)
<b>Storage Temperature</b>	-4° to +158°F (-20° to +70°C)
<b>Operating Humidity</b>	80% up to 50°F (122°C)
<b>Pollution Degree</b>	2
<b>Ingress Protection (IP)</b>	IP40
<b>EMC</b>	EN 61326-1
<b>Safety Compliance</b>	EN/IEC 61010-1 600V CAT IV, 1000V CAT III EN/IEC 61010-032:2002



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