



MiniFlex[®] HF Flexible Sensors

The High Frequency MiniFlex[®] 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. The MiniFlex[®] HF, with a bandwidth frequency from 5Hz to 1MHz, is perfect to connect to any oscilloscope with BNC input.

Model # MF 300-6-2-10-HF (Cat. # 2126.83)			
Maximum Conductor Size	1.77" (45mm)	Current Range	30 and 300Arms AC
Measurement Range	0.5 to 300A	Output Signal	100mV/A and 10mV/A
Accuracy	1% ± 300mA	Phase at 1kHz	1°
Model # MF 300-10-2-10-HF (Cat. # 2126.84)			
Maximum Conductor Size	2.95" (70mm)	Current Range	30 and 300Arms AC
Measurement Range	0.5 to 300A	Output Signal	100mV/A and 10mV/A
Accuracy	1% ± 300mA	Phase at 1kHz	1°

General Specifications

Frequency Range	5Hz to 1MHz
Battery Type	9V Alkaline, Type LF22
Battery Life	>140 hours continuous
Operating Temperature	14° to 131°F (-10° to +55°C)
Storage Temperature	-40° to +158°F (-40° to +70°C)
Operating Humidity	90% up to 104°F (40°C)
Ampflex [®] 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)	6.5 ft (2m)
Battery Indicator	Green LED blink when battery needs replacement
Overload	Red LED ON when output around >4.5V
Dimensions (H x W x D)	Module: 4.0 x 2.5 x 1.1" (103 x 64 x 28mm)
Weight	7 oz (200g)
Pollution Degree	2
Ingress Protection (IP)	IP50
EMC	EN 61326-1
Safety Compliance	EN/IEC 61010-1 600V CAT IV, 1000V CAT III EN/IEC 61010-032:2002



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