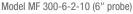
## CURRENT MEASUREMENT PROBES FLEXIBLE CURRENT PROBES

## MINIFLEX® FLEXIBLE CURRENT PROBES FOR GENERAL USE

A flexible sensor equipped with banana or BNC connector that can be connected directly to any multimeter, wattmeter or logger for effective measurements at the standard frequencies







Model MF 3000-10-2-1 (10" probe)









## **FEATURES**

- Measures from 0.5 to 3000Arms
- Accuracy ±1% of Reading ±0.25A
- TRMS measurements when connected to a TRMS instrument
- No core saturation or damage if overloaded
- Overrange LED for measurement circuitry
- 20kHz frequency response
- Low phase shift for power measurements
- Insensitive to DC, measures only AC component on DC + AC signals
- Excellent linearity
- 9V Alkaline battery, provides typical 150 hours of continuous operation
- EN 61010; 1000V CAT III; 600V CAT IV

## **SPECIFICATIONS**

MODELS	MF 300-6-2-10	MF 3000-10-2-1		
ELECTRICAL				
Range	30/300A	300/3000A		
Signal Output	100mV/10mV/A	10mV/1mV/A		
Frequency Range	10 to 20kHz with current derating			
Influence of Conductor Positioning	1.5% typical, 3% max			
Influence of Conductor Positioning in Sensor Against Handle	4% typical, 5% max			
<b>External Conductor Influence</b>	35dB to 40dB on contact			
Power Source	9V Alkaline battery (included)			
MECHANICAL				
Sensor Diameter	Ø 0.2" (5mm) – vs 0.5" (12.5mm) for AmpFlex®			
Sensor Length	6" (152mm)	10" (250mm)		
Max Conductor Size	1.77" (45mm)	2.95" (74.9mm)		
Connection Cable Length	6.5ft (2m)			
Drop Test	Per IEC 68-2-32			
Vibration	Per IEC 68-2-6			
Mechanical Shock	Per IEC 68-2-27			
ENVIRONMENTAL				
Operating Temperature Range	14° to 131°F (10° to 55°C)			
Storage Temperature Range	-40° to 158°F (-40° to 70°C)			
Altitude	Operating: 0 to 6562ft (0 to 2000m), working voltage derating above; Non-operating: 0 to 39,000 (0 to 12,000m)			
SAFETY				
Safety Rating	EN 61010, 1000V CAT III; 600V CAT IV; Pollution Degree II			

CATALOG NO.	DESCRIPTION	
2126.81	MiniFlex® Model MF 300-6-2-10	
2126.82	MiniFlex® Model MF 3000-10-2-1	
Accessories/Replace	ment - available on website store from www.aemc.com	
2110.04	Adapter PNC (Female) to 4mm Panana (Male)	

