Special product features

LOW PHASE SHIFT ERROR

20kHz FREQUENCY RESPONSE

MEASURES 0.5 TO 3000Arms

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 300-6-2-10 (6" probe)

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

SAFETY 1000V CAT III RATING

SAFETY 600V CAT IV RATING

CE

Trms

▶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	
External Conductor Influence	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 (Optional)	
2119.94	Adapter – BNC (Female) to 4mm Banana (Male)