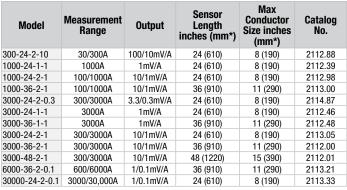
AmpFlex® Flexible Current Probes

Flexible AC current probe composed of a flexible sensor and an electronic module





(€ □



^{*}Dimensions rounded off

Consult factory for special offers and ranges/lengths not shown here.

Note: Output is safety shrouded 4mm male banana plug

FlexProbe® Flexible Current Probe Model 24-3001

Low cost AC current measurement probe designed to plug into digital multimeters, oscilloscopes and power recorders









Banana (female) BNC (male) (XM-BB)

Catalog #2118.46 (optional for AmpFlex® & FlexProbe® Flexible Current Probes)



▶ SPECIFICATIONS

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MODEL	24-3001	
ELECTRICAL		
Current Range	300/3000Aac	
Output Signal	mV output (4000mV peak max)	
Three Position Slide Switch 10mV/A 1mV/A 0N/0FF	5A to 300Arms 50A to 3000Arms	
Power Source	9V Alkaline battery (included)	
MECHANICAL		
Maximum Conductor Size	7.6" (193mm)	
Sensor Length	24" ± 1" (610mm ± 25.4mm)	
Cable Length	6.5 ft (2m)	
Output Connection	Double insulated 14" (355mm) lead with safety banana plugs	

▶ FEATURES

- Models ranging from 0.5 to 30,000Arms
- · Accuracy 1% of Reading
- TRMS measurements when connected to a TRMS instrument
- No core saturation or damage if overloaded
- Overrange LED for measurement circuitry
- Waterproof sensor
- 9V Alkaline battery, provides typical 150 hours of continuous operation (battery included)
- Shape memory for custom pre-shaping of sensor before use (no drooping)
- · Very high frequency response
- Low phase shift for power measurements of <1.3°, 0.7° typical
- Insensitive to DC, measures only AC component on DC + AC signals
- Excellent linearity
- Lightweight

► FEATURES

- 24" flexible sensor fits around conductors up to 7.6" in diameter
- Dual measurement ranges of 300A and 3000A_{AC}
- Read amperage directly on DMM display
- mV output directly proportional to the AC current measured
- Output is 10mV/A on 300A range and 1mV/A on 3000A range
- Accuracy of 1% of Reading ± 500mA
- 4% influence of conductor position in jaw
- · Up to 150 hours of battery life
- Dual banana plug termination for direct input into DMMs
- Flashing LED low battery indicator
- 9V Alkaline battery, provides typical 150 hours of continuous operation (battery included)

CATALOG NO.	DESCRIPTION
2120.81	FlexProbe® Model 24-3001 (300/3000Aac, 24", 10mV/A/1mV/A, Lead)
Accessories (Optional)	
2118.46	Adapter – Banana (Female) – BNC (Male) (XM-BB)



^{**}Consult factory for list and NIST Calibration prices