

Spinlab

MODEL 600-FC1 Flexible Coil Current Probe



Spinlab Presents
The probe that can
get around
anything!

Now there's no reason not to
take every measurement.



Never again will you have a problem getting around a bundle of cables or a bus bar with a typical split-core current transformer. The solution is here with the Spinlab nonferrous flexible AC current probe. This unit allows you to easily and safely take current measurements for ratio tests. Simply plug it into the Bird Dog and take your measurements like you would with any other probe. The unit does not have a metal core and is electrically isolated to protect you:

- Operating Range from 10A & 3000A
- 1% accuracy
- Extremely rugged & durable
- Comes in single or dual head configuration, each with 7" inside diameter

Specially designed to work with your Bird Dog or Bird Dog Plus and requires no calibration

Spinlab Flexible Current Probe Model 600-FC1

Technical Specifications

ELECTRICAL

Measuring Range	10A to 3000A RMS
Maximum Output	2.5V AC or +/-3.53V Peak using a +5V Supply
Output Loading	1k Ohm Minimum
Output Scaling	0.5V = 1000A
Accuracy	+/-0.5% Special, +/-1% Nominal of Full Scale
Linearity (to a Specific Point)	+/-0.2% of Reading . . . 100% of Full Scale
Frequency Response	8Hz to 7000Hz
Repeatability	+/-0.1% of Reading 10% . . . 100% of Full Scale
Maximum DC Offset	+/-5.0mV
Temperature Range (Electronics & Sensor Head--Operating)	10 Degrees C to 55 Degrees C
(Electronics & Sensor Head--Storage)	-20 Degrees C to 70 Degrees C
Temperature Sensitivity (Max Gain Change)	+/-0.08%/Degrees C
Temperature Sensitivity (Max DC Offset)	+/-10 micro V/Degrees C
Source Power	+5V DC Supplied by the Bird Dog Plus
Position Sensitivity (Max On Conductor)	+/-0.5% Typical--4% Maximum
Position Sensitivity (External Magnetic Field)	+/-0.2% Typical--2% Maximum

PHYSICAL

Sensor Head	
Sensor Head Material	TPE Rubber, Polypropylene or Polycarbonate
Sensor Head Minimum Bending Radius	1.5 inches (38.1 mm)
Weight	.4lbs
Coil Length & Diameter	24" (7" Inside Diameter) (8.3" Outside Diameter)
Electronics Package	
Material	ABS Plastic
Weight	.1 lbs
Output Connector	16 Position Amp Connector # 206037-1

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