TECHNICAL DATA

Fluke 80i-110s AC/DC Current Clamp



Key features

- Current Range: 0.1 to 100A DC or 0.1 to 100A AC
- Basic Accuracy (DC to 1kHz):
  100mV/A setting: 50mA to 10A +/- 3% of reading + 50mA
  10mV/A setting: 50mA to 40A +/- 4% of reading + 50mA
  40A to 80A +/- 12% of reading + 50mA
  80 to 100A +/- 15% of reading
- Output Signal: 10A range: 100mV/A | 100A range: 10mV/A
- Bandwidth: 1Hz to 20kHz
- Working Voltage: 600V AC rms
- Maximum Conductor Size: 11.8 mm (.46 inch) diameter
- Safety Rating: IEC 1010 and CSA-C22.2 No. 1010-1 Installation Category II, Working Voltage 600V

Product overview: Fluke 80i-110s AC/DC Current Clamp

The 80I-110s is compatible with any Fluke ScopeMeter Test Tool, Power Harmonics Analyzer, Oscilloscope, Multimeter, or other voltage measurement device that has the following features: BNC input connectors or if using a meter convert the banana plugs to a BNC connector using the adapter PM9081/001.

Useful resources and rugged tools for Solar professionals

Specifications: Fluke 80i-110s AC/DC Current Clamp

Specifications	
Nominal current range	10 A, AC/DC
	100 A, AC/DC
Continuous current range	0.1 A - 10 A AC/DC
	1 A - 100 A AC/DC
Maximum non-destructive current	140 A - 2 kHz
Lowest measurable current	0.1 A
Basic accuracy	100 mV/A setting: 50 mA to 10 A ±3% of reading +50 mA
	10 mV/A setting: 50 mA to 40 A ±4% of reading +50 mA
	40 A to 80 A ±12% of reading +50 mA
	80 to 100 A ±15% of reading
Useable frequency	DC - 100 kHz
Output level(s)	10 A range: 100 mV/A
	100 A range: 10 mV/A
Zero error adjustment	Yes
Safety Specifications	
Safety	CAT II, 600 V
	CAT III, 300 V
Maximum voltage	600 V
Mechanical and General Specifications	
Warranty	1 year
Battery life	9 V, 55 h
Maximum conductor diameter	11.8 mm
Output cable length	1.6 m
BNC adapter	Yes

Ordering information



Fluke 80i 110s

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Fluke Corporation
PO Box 9090, Everett, WA 98206 U.S.A.

For more information call:
In the U.S.A. (800) 443-5853
In Canada (800) 36-FLUKE
From other countries +1 (425) 446-5500
www.fluke.com

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