

Fluke i30s AC/DC Current Clamp



Tính năng chính

- The i30s current clamp is based on Hall Effect technology for use in measurement of both DC and AC current.
- The current clamp may be used in conjunction with oscilloscopes and other suitable recording instruments for accurate non-intrusive current measurement.
- Current range: 30 mA to 30 A DC, 30 mA to 20 A AC rms
- Frequency range: DC to 100 kHz (-0.5 dB)
- CAT III 300 V safety rating

Tổng quan sản phẩm: Fluke i30s AC/DC Current Clamp

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Thông số kỹ thuật: Fluke i30s AC/DC Current Clamp

Electrical specifications	
Specified current range	30 mA to 30 A DC, 30 mA to 20 A AC rms
Usable current range	5 mA to 30 A DC, 30 mA to 20 A AC rms
Crest factor	1.4 in

Output sensitivity	100 mV/A
Accuracy (at +25°C)	±1% of reading ±2 mA
Resolution	±1 mA
Load impedance	> 100 kΩ
Conductor position sensitivity	±1% relative to center reading
Frequency range	DC to 100 kHz (-0.5 dB)
Phase shift below 1 kHz	< 2°
Temperature coefficient	±0.01% of reading / °C
Power supply	9 V Alkaline, MN1604/PP3, 30 hours, low battery indicator
Working voltage (see Safety Standards section)	300 V AC rms or DC
General Specifications	
Maximum conductor size	19 mm diameter
Output connection	Safety BNC connector, supplied with safety 4 mm adapter
Output zero	Manual adjust via thumbwheel
Cable length	2 m
Operating temperature range	0°C to +50°C
Storage temperature range (with battery removed)	-20°C to +85°C
Operating humidity	15% to 85% (non-condensing)
Weight	250 g
Safety	IEC 61010-1, Pollution Degree 2
	IEC 61010-2-032: CAT III 300V
	Use of the probe on uninsulated conductors is limited to 300 V ac rms or dc and frequencies below 1 kHz.
EMC Compatibility	IEC 61326-1: Portable Electromagnetic Environment

Model



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Fluke. *Giữ cho thế giới của bạn. không ngừng vận động.*

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