



Fluke i30s AC/DC Current Clamp

Electrical specifications

Current range	20 A ac rms or dc
Measuring range	± 30 A
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 degrees
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 meters
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 standards	BS EN 61010-1: 2001 BS EN 61010-2-032: 2002 BS EN 61010-031: 2002 300 Vrms, Category III, Pollution Degree 2 Use of the probe on uninsulated conductors is limited to 300 V acrms or dc and frequencies below 1 kHz.
EMC Standards	EN 61326: 1998 +A1, A2, & A3