

# Fluke i400s

## AC Current Clamp



### High safety AC current clamp with BNC output

- Companion to your scope or power quality meter to measure up to 400 A AC.
- Only current clamp available with a CAT IV 600 V / CAT III 1000 V safety rating.
- Specially designed to offer maximum utility in a compact shape.
- Take accurate current readings without breaking the circuit.
- Soft non-slippery overmold handle.
- Optional PM9081/001 BNC/Banana adapter for DMM's.
- Two ranges: 40 A & 400 A, 10 & 1 mV/Amp output.
- Max. conductor Ø 32 mm.

Specifications	
Nominal current range:	40 A Range 0.5 A to 40 A 400 A Range 5 A to 400 A
Basic accuracy:	40 A Range 2% + 0.015 A (45-400 Hz) 400 A Range 2% + 0.04 A (45-400 Hz)
Phase Shift:	40 A Range 0.5 to 1 A Unspecified 1 A to 5 A 4° 5 A to 10 A 3° 10 A to 20 A 3° 20 A to 40 A 2° 40 A to 400 A NA 400 A Range 0.5 to 1 A NA 1 A to 5 A NA 5 A to 10 A Unspecified 10 A to 20 A 2° 20 A to 40 A 2° 40 A to 400 A 1.5°
Typical Bandwidth:	40 A Range 5 Hz - 10 kHz 400 A Range 5 Hz - 10 kHz
Output level(s):	40 A Range 10 mV/A 400 A Range 1 mV/A
Crest Factor:	40 A Range ≤ 3 400 A Range ≤ 3 to 300 A ≤ 2.5 to 400 A

Safety Specifications	
Safety	CAT IV 600 V, CAT III, 1000 V
Maximum Non-Destructive Current	1000 V AC

Mechanical & General Specifications	
Warranty	1 year
Maximum conductor size	32 mm (1.25 inches)
Output cable length	2.5 m (8.2 ft)
BNC Adapter	Yes
Dimensions	150 x 70 x 30 mm
Weight	114 g

