

TECHNICAL DATA

# Fluke i1010 AC/DC Current Clamp



## Key features

- The Fluke i1010 AC/DC current clamp is a battery-powered Hall-effect probe that extend the current ranges of Fluke tools, measuring DC current from 1 A to 1000 A and AC current from 1 A to 600A.
- Provides accurate current reading without breaking the circuit.
- Compatible with most Fluke multimeters.
- CAT III 600 V safety rating

## Product overview: Fluke i1010 AC/DC Current Clamp

Fluke current clamps extend the current ranges of Fluke tools. The Fluke i1010 AC/DC current clamp is highly reliable, measures 1 A to 1000 A and provides accurate current reading without breaking the circuit. This clamp measures both ac and dc current with a large jaw, battery-powered Hall-effect probe that gives access to difficult to reach areas. Compatible with most Fluke multimeters.

## Specifications: Fluke i1010 AC/DC Current Clamp

| Specifications        |                         |
|-----------------------|-------------------------|
| Measurement type      | Hall sensor             |
| Nominal current range | 600 A, AC<br>1000 A, DC |

|  |                                       |
|--|---------------------------------------|
| Continuous current range                     | 1 A - 600 A, AC<br>1 A - 1000 A, DC   |
| Maximum non-destructive current              | 1000 A                                |
| Lowest measureable current                   | 0.5 A                                 |
| Basic accuracy                               | 2% + 0.5 A<br>(% reading + floorspec) |
| Useable frequency                            | DC - 10 kHz                           |
| Output level(s)                              | 1 mV/A                                |
| Zero error adjustment                        | Yes                                   |
| <b>Safety Specifications</b>                 |                                       |
| Safety                                       | CAT III, 600 V                        |
| Maximum voltage                              | 600 V                                 |
| <b>Mechanical and General Specifications</b> |                                       |
| Warranty                                     | 1 year                                |
| Battery life                                 | 9 V, 60 h                             |
| Maximum conductor diameter                   | 30 mm<br>2 x 25 mm                    |
| Output cable length                          | 1.6 m                                 |
| Shrouded banana plugs                        | Yes                                   |

## Ordering information



### **Fluke i1010**

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