

TECHNICAL DATA

Fluke i430 Flex 4 Pack



Product overview: Fluke i430 Flex 4 Pack

The **i430 Flex** is an AC current probe utilizing the Rogowski principle. The flexible and lightweight measuring head allows quick and easy installation in hard to reach areas, without batteries or an external power source.

Also available as a pack of 4 pieces of the i430 current clamp, to be used for high current measurements. The Flex clamp fits around bus bars and large or hard-to-reach conductors. This 4-pack is perfect for use with 3-phase tools such as the Fluke 430 series.

Specifications: Fluke i430 Flex 4 Pack

| General Specifications | |
|--------------------------|-----------------------------------|
| Probe and cable material | TPE rubber, reinforced insulation |
| | UL94 V-0, Colour: RED Munsell 7.5 |
| | R 1/14 |
| Couplings material | Polypropylene, UL94 V-0 |
| Probe cable length | 610 mm |
| Probe cable diameter | 12.4 mm |
| Probe cable bend radius | 40 mm |

| | |
|--|---|
| Output cable length | 2.5 meters RG58 |
| Output connector | Safety BNC Connector |
| Operating range | -20 to +90°C |
| Storage temperature | -40 to +105°C |
| Operating humidity | 15% to 85% (non condensing) |
| Degree of protection (Probe) | IP41 |
| Specifications | |
| Current range | 3000 A AC rms |
| Voltage output (@ 1000 A rms, 50 Hz) | 85 mV |
| Accuracy | ±1% of reading |
| | (@ 25°C, 50 Hz) |
| Linearity (10% to 100% of range) | ±0.2% of reading |
| Noise (10 Hz – 7 kHz) | 1.0 mV AC rms |
| Output impedance | 82 Ω min |
| Load impedance | 50 kΩ |
| Internal resistance per 100 mm probe length | 10.5 Ω ± 5% |
| Bandwidth (-3 dB) | 10 Hz to 7 kHz |
| Phase error (45 – 65 Hz) | ±1° |
| Position sensitivity | ±2% of reading max. |
| Temperature coefficient | ±0.08% max of reading per °C |
| Working voltage (see Safety Standards section) | 1000 V AC rms or DC (head) |
| | 30 V max. (output) |
| Safety Specifications | |
| Safety standards | BS EN 61010-1 2001 |
| | BS EN 61010-2-032 2002 |
| | BS EN 61010-031 2002, 1000 Vrms, Category III, Pollution Degree 2 |
| | Use of the probe on uninsulated conductors is limited to 1000 V AC rms or DC and frequencies below 1 kHz. |
| | Please note that this probe is designed to work with Fluke 435, if used with other products |
| | safety rating for the output to earth is limited to 600 V AC rms or DC. |

Ordering information



Fluke i430 4 Pack



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