



PF-3003-00 HIGHLIGHTS

- 30/300/3000A
- 1000V, CAT III, Pollution degree 2
- IP 65 (Probe head only)
- No magnetic hysteresis (saturation or non linearity)
- Three phase model
- UL Approved, ROHS and WEEE Compliant
- Includes separate power supply and integrator module.

These flexible current probes are designed for applications with limited space where traditional current transformers cannot be installed. Split-core design allows you to clamp around bus bars and wires for easy installation. Compatible with PQube current sensing module XCT5/CTE1 1V.

PF-3003-00 SPECIFICATIONS

Current Ranges	30 / 300 / 3000A
CT Ratio	30:3 / 300:3 / 3000:3
Linearity	± 0.2% of reading
Basic Accuracy	± 1% of reading ± 0.1A (30A and 60A ranges) ± 1% of reading ± 1A (300A/3000A and 600A/6000A ranges)
Frequency Range	10Hz to 20kHz (-1dB)
Phase shift (45 - 65Hz)	< 1 degrees
Load Impedance	> 100 kOhms
Output connection	3 x 0.5m coax terminated with safety male BNC connector

ENVIRONMENTAL DATA

Operating Temperature	20°C to 65°C (-4°F to 149°F)
Temperature Coefficient	± 0.15% of reading per °C (± 0.1% of reading per °F)
Storage Temperature	-40°C to 75°C (-40°F to 167°F)

POWER SUPPLY

External Power Supply	3V / 100mA
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MECHANICAL DATA

Dimensions (mm)	110 (H) x 65 (W) x 23 (D)
Cable length	2m (Probe to Integrator)
Probe Lengths	610mm (24"), 915mm (36"), 1220mm (48")

SAFETY

EN61010-2-032:2002,	EMC Standard EN 61326-2-2:2006
UL 610101, 2nd Edition, 2005-07-22	± 0.15% of reading per °C (± 0.1% of reading per °F)
CAN/CSA-22.2 No. 61010-1, 2nd Edition 2004-07	-40°C to 75°C (-40°F to 167°F)

MAXIMUM SAFE VOLTAGES

External Power Supply	1000V AC RMS or DC (Probe and Integrator)
	30 Volts max (Output)
	All accuracies stated at 23°C ± 1°C (73.4°F ± 1.8°F)