

## Current Probe Model PR1200 ACV

The PR1200 ACV current probe has been designed for use with multimeters, recorders, power analysers, safety testers etc. for accurate non intrusive measurement of AC current. Using the latest transformer technology, the PR1200 ACV can measure currents from 100mA to 1500A over a frequency range of 30Hz to 10kHz.



### Electrical Characteristics

Current Range .....	: 1200A AC <sub>RMS</sub>
Measuring Range.....	: 100mA to 1500A <sub>RMS</sub>
Output Sensitivity.....	: 1 mV / A
Accuracy...(at 100 A, 2 kHz, +25°C).....	: +/- 1% of reading
Load Impedance .....	: ≥ 100 kOhm
Phase Shift at 2 kHz .....	: +/- 1 degree
Frequency Range .....	: 30 Hz to 10 kHz (- 3 dB)
Working Voltage (see Safety Standards section).....	: 600 V AC <sub>RMS</sub> or DC

### General Characteristics

Maximum Conductor Size .....	: 54 mm diameter
Output Connection .....	: 4 mm safety sockets
Operating Temperature Range .....	: -10 to +55 °C
Storage Temperature Range .....	: -40 to +70 °C
Operating Humidity .....	: 15% to 85% (non condensing)
Weight.....	: 650 g

## Safety Standards

BSEN61010-1: 1993 and Amendment A2: July 1995

BSEN61010-2-032: 1995

BSEN61010-2-031: 1995

600 V<sub>RMS</sub>, Category III, Pollution Degree 2

Use of the probe on **uninsulated conductors** is limited to 600 V AC<sub>RMS</sub> or DC and frequencies below 1 kHz.

## EMC Standards

EN 61326 :1998

## Dimensions

