

# AP015 – 30 A, 50 MHz Current Probe



## Features

- 30 A<sub>rms</sub> continuous current, 50 MHz bandwidth
- 50 A peak current for up to 10 seconds
- Overheating and Probe Unlock Detection

The AP015 current probe can measure continuous current of 30 A<sub>rms</sub> and peak pulses of up to 50 A for durations up to 10 seconds. This probe also features an overheating protection circuit, which will display an on-screen warning to the user to prevent damage. A probe unlock detection feature is also built in to the AP015 to ensure accurate measurements.

## Electrical Characteristics

Max. Continuous Input Current	30 A
Bandwidth	50 MHz
Max. Peak Current at Pulse Width	50 A < 10 s
Rise time (typical)	< 7 ns
Minimum Sensitivity	10 mA/div
Low Frequency Accuracy	1%
Coupling	AC, DC, GND

## General Characteristics

Cable Length	2 m
Weight	300 g
Max. Conductor Size (diameter)	5 mm
Interface	ProBus, 1 M $\Omega$ only <sup>†</sup>
Usage Environment	Indoors
Operating Temperature	0 °C to 40 °C
Max. Relative Humidity	80% (Max. 31 °C)
Max. Altitude	2000 m
Maximum Insulated Wire Voltage	300 V CAT I, 150 V CAT II

<sup>†</sup> Requires AP-1M for use with 50  $\Omega$  input only oscilloscopes.

