



## PROVA 15

### AC/DC mA Current Probe

UL / CE

CAT II 600V, CAT III 300V

#### Features:

- Accurate DC/AC current probe for current measurement.
- 1mDCA high resolution on 4A DC range.
- 0.1mACA high resolution on 400mA AC range
- One touch zero for DCA adjustment.
- 23 mm diameter jaw.
- Connect to an oscilloscope to observe current waveform.
- Connect to a chart recorder/ datalogger/ DMM to record current data..

#### Electrical Specifications: (23°C ±5°C)

##### AC / DC Current:

Range	Output	Accuracy	
DC 400mA <sup>1</sup>	DC 1mV/mA	----- <sup>1</sup>	
DC 4A	DC 100mV/A	±2.0%±3mA	
DC 30A	DC 10mV/A	±2.0%±30mA	
		50/60Hz	40-100Hz
AC 400mA	AC 1mV/A	±2.0%±0.5mA	±2.5%±0.5mA
		50/60Hz	40-400Hz
AC 4A (0-400mA)	AC 100mV/A	±2.5%±8mA	±3.0%±8mA
AC 4A (400mA-4A)	AC 100mV/A	±2.5%±3mA	±3.0%±6mA
AC 30A	AC 10mV/A	±2.0%±30mA	±2.5%±30mA

<sup>1</sup> **400mA range is not designed for DC current measurement.** The accuracy is  $\pm 2.5\% \pm 1\text{mA}$ , and it is only used for reference. In the DC400mA range, the output would show 0.4mV drifting (rdg, rdg+0.1, rdg+0.2, rdg+0.3, rdg+0.4, rdg+0.3, rdg+0.2, rdg+0.1, rdg,...).

Range	Sensitivity
DCA 4A	0.1mV/1mA DC
DCA 40A	0.1mV/10mA DC
ACA 400mA	0.1mV/0.1mA AC
ACA 4A	0.1mV/1mA AC
ACA 40A	0.1mV/10mA AC

### General Specifications:

Conductor Size:	23mm max. (approx.)
Dimension (Box):	183 (L) x 61.3 (W) x 35.6 (H) mm 7.2" (L) x 2.5" (W) x 1.4" (H)
Battery Type:	two 1.5V SUM-3
Range Selection:	Manual
Power Consumption:	10 mA (approx.)
Low Battery Indication:	red LED
Operating Temperature:	-10°C to 50°C
Operating Humidity:	less than 85% relative
Altitude:	up to 2000M
Storage Temperature:	-20°C to 60°C
Storage Humidity:	less than 75% relative
Weight:	190g (battery included)
Accessories:	Carrying bag x 1 Users manual x 1 Batteries 1.5V x 2 Test leads

## PROVA INSTRUMENTS INC.

**Add:** 6F-2, No. 129, Lane 235, Pao-Chiao Road, Shin-Tien District,  
New Taipei City 23145, TAIWAN

**Tel:** 886-2-89191255

**Fax:** 886-2-89191489

**E-mail:** [prova@ms3.hinet.net](mailto:prova@ms3.hinet.net)

**Website:** [www.prova.com.tw](http://www.prova.com.tw)