

PROVA CM-05+

AC/DC Current Probe

CE

IEC 61010

CAT II 600V

CAT III 300V

Multiple Current Sensors Patents :

Taiwan	M582592
China	CN209728026U
France	FR3092400
Germany	20 2019 106 212
Japan	3223244
USA	10,788,519



Features:

1. Accurate DC/AC current probe for current measurement: 0~800A.
2. DC 10mA high resolution on 80A DC range.
3. AC 1mA high resolution on 8A AC range.
4. One touch zero for DCA adjustment.
5. 23mm diameter jaw.
6. Connect to an oscilloscope to observe current waveform.
7. Connect to a chart recorder/ datalogger/ DMM to record current data.

Comparison of PROVA CM-05+ and PROVA CM-05:

	PROVA CM-05+	PROVA CM-05
Max. range AC/DC	800A	200A
Range AC	8A/ 80A/ 200A/ 800A	4A/ 40A/ 200A
Best AC resolution	1mA	1mA
Best DC resolution	10mA	10mA

Electrical Specifications: (23°C±5°C)

AC / DC Current:

Range	Output	Accuracy	
		50/60Hz	40-1KHz
DC 80A	DC 10mV/A	±1.0%±20mA	
DC 200A (0-150A)	DC 1mV/A	±1.0%±200mA	
DC 200A (150-200A)	DC 1mV/A	±2.5%±200mA	
DC 800A (0-700A)	DC 1mV/A	±1.5%±0.3A	
DC 800A (700-800A)	DC 1mV/A	±2.0%±0.3A	
AC 8A	AC 100mV/A	±2.0%±9mA	±3.0%±9mA
AC 80A	AC 10mV/A	±1.5%±30mA	±2.0%±30mA
AC 200A (0-150A)	AC 1mV/A	±1.5%±0.3A	±2.0%±0.3A
AC 200A (150-200A)	AC 1mV/A	±2.9%±0.3A	±3.0%±0.3A
AC 800A (0-700A)	AC 1mV/A	±1.5%±0.3A	±2.0%±0.3A
AC 800A (700-800A)	AC 1mV/A	±2.0%±0.3A	±2.5%±0.3A

Range	Sensitivity
DCA 80A	0.1mV/10mA DC
DCA 200A	0.1mV/100mA DC
DCA 800A	0.1mV/100mA DC
ACA 8A	0.1mV/1mA AC
ACA 80A	0.1mV/10mA AC
ACA 200A	0.1mV/100mA AC
ACA 800A	0.1mV/100mA AC

General Specifications:

Conductor Size:	23mm max. (approx.)
Battery Type:	two 1.5V SUM-3 AA
Range Selection:	Manual
Power Consumption:	26mA (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
Dimension (Box):	183 (L) x 61.3 (W) x 35.6 (H) mm 7.2" (L) x 2.5" (W) x 1.4" (H)
Weight:	190g (battery included)
Accessories:	Carrying bag x 1 Users manual x 1 Battery 1.5V x 2 Test leads x 1 set

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