

2016

IN-TRACK CURRENT DMM ADAPTOR

Metermate : Making more use of your multimeter

A unique product that measures the current in PCB tracks, connectors, switches, fuses, cables, etc. without breaking the circuit. An invaluable aid which can save hours, or even avoid destroying a good board when trying to find those elusive power supply shorts. Works by using voltage drop and circuit resistance to measure the current. Applications in fault finding, service, design testing etc.



FEATURES

- Works with on any DMM with current ranges.
- AC or DC Current measurement up to 200mA,
- Low Cost, Battery powered and Simple to use, a must for every engineers toolbox.
- Supplied complete with 4 wire Kelvin probes.

OPERATION

Select 200mA range on DMM and connect to Meter-mate. Switch on Meter-mate and check batt LED. Select circuit or the track on which the measurement is required and probe on at any 2 convenient points along the track, note that current can be measured over track lengths as short as 1cm, although the longer the track length between the measurement points the better the accuracy. Meter-mate can be used wherever current is flowing, through a connector, a fuse, a switch, cable etc. AC current (50Hz) can also be measured by simply switching the DMM to A.C. current. Meter-mate senses the voltage difference between the probes and will only measure current when this is less than 250mV. This feature prevents accidental measurements being made when the incorrect track is selected.

Safety Warning: The Meter-mate is a low voltage instrument and should not be used on systems with voltages greater than 30Volts.

SPECIFICATIONS

Range: 0 to 200mA.

Accuracy: Typically 1mA depending on connection quality, circuit resistance and DMM used.

Output to DMM: 200mA @ up to 0.5V maximum drive voltage

Battery: 2 x AA Alkaline, LED battery level indicator

Probe Connections: - 4 x 4mm sockets.

Protection: Withstands accidental connection to voltages up to 30 Volts

Output Connections: Flying leads with 4mm plugs

Probes: Special Kelvin probes, sprung probes with replaceable points

Order Information	MeterMate 2016 IN-TRACK CURRENT DMM ADAPTOR	2016
	Standard Certificate	2016STD
	UKAS Certificate	2016UKAS

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