

Metermate : Making more use of your multimeter

A novel British built and designed quality product to enable the engineer to do more with less. Why buy a separate low ohm meter when you can use this adapter with your standard DMM and save money. Applications include earth continuity measurements, coil and transformer resistance. PCB track resistance, Low value resistor and shunt measurements, Fuse, connectors and cable resistance, switch and relay contact resistance etc.



FEATURES

- Works with any multimeter, Converts milliohms to millivolts.
- Measures resistance from 100uOhms to 10 Ohms on a standard 3 digit DMM
- Precision 4 wire Kelvin connection.
- Auto zero for accurate Low Ohm measurements.
- Direct reading: Volts for Ohms
- Supplied complete with 4 wire Kelvin probes.

OPERATION

Connect Meter-mates output to a DMM with the DC volt range selected and connect the resistance to be measured to the Kelvin test leads. Read the value on the DMM reading volts for ohms. Please note that measurements on highly inductive coils will may incur additional errors.

Safety Warning: The meter mate is a low voltage instrument and should not be used on systems where voltages greater than 30 volts are present.

SPECIFICATIONS

- Range:** 100uOhms to 10 ohms converted to 100uV to 10Volts
- Accuracy:** 1.5% +/- 2.5mOhm, Resolution dependent on DMM, Auto-zero.
- Output:** 1 volt per Ohm up to 10 volts.
- Battery:** 9Volt type PP3
- Measurement Current:** 20mA AC.
- Protection:** Inputs can withstand accidental connection to voltages up to 30 Volts.
- Indicators:** Battery level & over range
- Resistance measurement Connections:** - 4 x 4mm sockets for 4 wire Kelvin connection.

Other products in the Meter-mate range: Low Ohm measurement DMM adaptor. 4/20 mA converter with 24volt transducer excitation supply. PT100 temperature to millivolts converter. In track direct current reading adaptor. Battery output resistance measurement adaptor.

Order Information	MeterMate 2012 LOW OHM ADAPTOR	2012
	Standard Certificate	2012STD
	UKAS Certificate	2012UKAS

Visit our website for the full range of Transmille Products
www.transmille.com

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