



PANEL METER PM - 40

MotoSafe™ Panel Meter is designed to indicate actual value of Insulation Resistance when coupled with MotoSafe Insulation Fault Detector.

SPECIFICATIONS:

Indication range	MΩ	0 - 40
Full scale deviation	V	10
Impedance	KΩ	10
Assembled weight	kg / oz	0.12 / 4.2
Dimensions	mm	88 x 77 x 53
	in	3.5 x 3 x 2.1
Panel depth	mm / in	16 / 0.6



APPLICATION:

Using MotoSafe Panel Meter with Insulation Fault Detectors such as MHV or IM600IND allows reading of an actual insulation resistance value as well as tracking of the condition of Insulation Resistance of the monitored motor or generator before it deteriorates to an alarm level.

The meter connected to a monitor indicates Insulation resistance on an idle rotating machine in the range from 40 Megohms down to full grounding. The scale is divided into three ranges: Green – normal operating range, Yellow – pre-alarm range and Red – the alarm range

Tracking the speed of changes in the condition of the monitored machine allows better scheduling of the preventative maintenance of the equipment and avoiding an emergency situations.

The relationship between input voltage an the indicated resistance is as follow:

R _i MΩ	0	1	2	3	5	7	10	12	15	17	20	25	30	35	40
U V	0	0.88	1.66	2.35	3.52	4.46	5.59	6.20	6.96	7.38	7.93	8.65	9.21	9.66	10.0

Mounting Template

