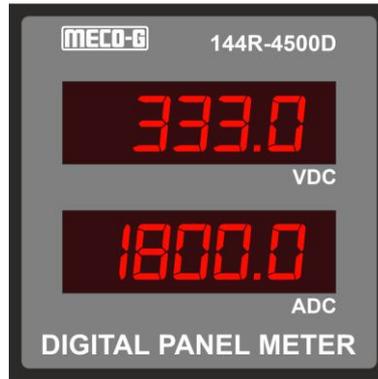


96R-4500D



144R-4500D

FEATURES

- * Digit Display: 19999
- * Easy-to-wire, screw-type terminals
- * Low Cost Unit

GENERAL SPECIFICATION

Measuring Method :Dual Slope A/D Conversion
Sampling Time :2.5 Samples Per Second
Display Type :Red LED Super Bright Display
Maximum Display :4½ dgt. 19999 Counts
Resolution :0.0001 to 1 Count Depending on range
Polarity Indication :“-” is indicated for Negative Input
Decimal Selection :Factory Set
Over Range Indication :“0000”
Maximum Overload :Voltage: 1.2 times continuous
:Current: 2 times continuous
Frequency Response :50-60Hz. **Upto 1KHz optional.**
Environment :Calibration: 27± 5°C
:Operating: 0° ~ 50°C, RH < 95%
:Storage: -10° ~ 60°C, RH < 95%

* Outside Dimensions according to DIN standards
(96x96mm), (144x144mm)

VA Burden (Typical) : <2.5VA
Dielectric Strength : 2kV at 50Hz for 1 min.
between input and Power terminals.
: 3kV at 50Hz for 1 min.
between all terminals to case.
Accuracy **VDC** : ± 0.05% Rdg. ± 2 dgts.
VAC : ± 0.1% Rdg. ± 5 dgts.
ADC : ± 0.1% Rdg. ± 2 dgts.
AAC : ± 0.1% Rgd. ± 5 dgts.
Aux. Power Supply : 110V AC / DC, 230V AC / DC,
19-90VAC / DC, 5VDC / 24VDC /
48VDC, 85-264VAC/DC / 440VAC
±10% @50 / 60Hz

DIRECT INPUT: DC or AC or TRMS			DIRECT INPUT: AC or DCmV / V / mA Input		
MEASURING RANGE	INPUT IMPEDANCE	RESOLUTION	MEASURING RANGE	INPUT IMPEDANCE	DISPLAY RANGE
199.99µA	1KΩ	0.01µA	0-50mV	1MΩ	As per Customer requirement. (Kindly mention at time of ordering) Subject to Technical Feasibility
1.9999mA	100Ω	0.0001mA	0-60mV	1MΩ	
19.999mA	10Ω	0.001mA	0-75mV	1MΩ	
199.99mA	1Ω	0.01mA	0-100mV	1MΩ	
1.9999A	0.1Ω	0.0001A	0-5V	1MΩ	
5A/20A	0.01Ω	0.001A	1-5V	1MΩ	
199.99mV	1MΩ	0.01mV	0-10V	1MΩ	
1.9999V	1MΩ	0.0001V	0-1mA	10Ω	
19.999 V	1MΩ	0.001V	4-20mA	10Ω	
199.99V	1MΩ	0.01V	CTR: --/1A (AC/TRMS)	0.1Ω	
750.0V	1MΩ	0.1V	CTR: --/5A (AC/TRMS)	0.01Ω	
1000.0V	1MΩ	0.1V			

Note1: Data Hold Facility Available.

Note2: Other Aux. Supply available. (Subject to Technical Feasibility)

Note3: Instruments with Larger display height of 1", 1.8", 2.0" etc also available.

Note4: Instruments with variable displays i.e. RPM / mm / mm/min etc. also available.

Note5: Instruments with Zero / Span adjustment and external decimal point changing facility available. Subject to technical feasibility.

