



**OMEGA TYPE** Digital Panel Meters are compact versatile panel meters (3½ Digit) for digital display of electrical quantities. They are very useful for laboratories, control panel manufacturers, electricity boards, railways, defence establishments etc. They have high accuracy, high resolution, auto polarity on D.C. display, high input impedance, large easily readable LED display of 12.5 mm digit height.

### SPECIFICATIONS

- 01 INPUT CONFIGURATION : Bipolar.
- 02 FULL SCALE RANGE INPUT IMPEDANCE ACCURACY : Specified as against each Type No.
- 03 TEMPERATURE COEFFICIENT : Less than 100 PPM/ °C
- 04 RESOLUTION : 1 in ± 1999 counts
- 05 SAMPLING RATE (NORMINAL) : 3 samples /second
- 06 N.M.R.R. : 40 dB at 50 Hz
- 07 DISPLAY : 3½ digit 12.5 mm height 7 segment LED type
- 08 POLARITY INDICATION : Automatic.
- 09 OVER-RANGE CONDITION : Available, three least significant digits get blanked in over- range condition.
- 10 OPERATING TEMPERATURE : + 10 °C to + 50 °C.
- 11 POWER REQUIREMENT : 230V ± 10% at 50Hz A.C. Mains.
- 12 Weight : 0.6 Kg. (Approx)
- 13 Strongly supported by detailed Operating Instructions.

OMEGA TYPE NO.	FULL SCALE RANGE	ACCURACY	INPUT IMPEDANCE
<b>DC VOLTMETERS</b>			
DPM-034	± 199.9 mV	± 0.1% ± 2 digit	1000 M ohms
DPM-035	± 1.999 V	± 0.1% ± 2 digit	10 M ohms
DPM-036	± 19.99 V	± 0.2% ± 2 digit	10 M ohms
DPM-037	± 199.9 V	± 0.2% ± 2 digit	10 M ohms
DPM-038	± 1000 V	± 0.2% ± 2 digit	10 M ohms
<b>DC AMMETERS</b>			
DPM-053	± 19.99 µA	± 0.5% ± 2 digit	10 K ohms
DPM-054	± 199.9 µA	± 0.5% ± 2 digit	1K ohms
DPM-055	± 1.999 mA	± 0.5% ± 2 digit	100 ohms
DPM-056	± 19.99 mA	± 0.5% ± 2 digit	10 ohms
DPM-057	± 199.9 mA	± 0.5% ± 2 digit	1 ohms
DPM-058	± 1.999 Amp.	± 0.5% ± 2 digit	0.1 ohms
DPM-059	± 10.00 Amp.	± 0.5% ± 2 digit	0.01ohms

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

## OMEGA ELECTRONICS

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