



Digital Panel Meters 3 1/2 Digit LED

DPM350
DPM350-M

- 3 1/2 Digit red LED display
- 14mm high digits
- Auto zero
- Auto polarity
- Over range indication
- Display hold facility
- Selectable decimal point
- Rising cage screw terminals
- 115/230VAC or 12 - 28VDC supply
- DIN standard 96 x 48 Panel mount enclosure



DESCRIPTION

This range of instruments provides a simple and accurate method of measuring and displaying voltages and currents in an easy to read digital format. They are available to measure an extensive range of voltages and currents in both AC and DC. Connections are made at the rear of the instrument on a removable 12 way screw terminal block that makes installation very simple.

The large bright LED display is easy to read and the instrument is also available with digit heights from 25 mm to 100 mm in our large display range of instruments.

The decimal point on the display can be selected by connections on the rear panel and the instrument can be scaled using the multiturn calibration control behind the removable front panel. These features enable the unit to display readings in “engineering units” to the users specification.

A “DisplayHold” facility is also available by using the rear terminal connections. This fixes the display value at the last value as the connection is made

Ranges Available

Range 1 DC: +/- 199.9 millivolts DC

Range 2 DC: +/- 1.999 volts DC

Range 3 DC: +/- 19.99 volts DC

Range 4 DC: +/- 199.9 volts DC

Range 5 DC: +/- 1.999 milliamps DC

Range 6 DC: +/- 19.99 milliamps DC

Range 7 DC: +/- 199.9 milliamps DC

Range 8 DC: +/- 1.999 Amps DC

Range 9 DC: 4—20 milliamps DC

Range 1 AC: +/- 199.9 millivolts AC

Range 2 AC: +/- 1.999 volts AC

Range 3 AC: +/- 19.99 volts AC

Range 4 AC: +/- 199.9 volts AC

Range 5 AC: +/- 1.999 milliamps AC

Range 6 AC: +/- 19.99 milliamps AC

Range 7 AC: +/- 199.9 milliamps AC

Range 8 AC: +/- 1.999 Amps AC



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Options

Power supplies: Available with either 115/230 VAC or 12– 28 VDC power supply options

Measuring Range: Standard ranges as overleaf
Factory set customer calibration value
Non Standard ranges as required

SPECIFICATION

Supply: 12—28 VDC (DPM350)
115/230 VAC (DPM350M)

Measurement error: 0.05% or +/- 1 count

Linearity +/- 1 count

Temperature coeff. 50 ppm/degree C

Reading rate: 3 per second

Operating temp. 0—50 degree C

Input Impedance: 1.5 M ohm

Connections: 12 way detachable rising cage screw terminal block

Housing: Plastic moulding

Dimensions: 96 x 48 x 110 mm (90 behind bezel)

Panel Cut-out: 92 x 45 mm

ORDER CODE:

{type} {M} {range code}

i.e. DPM350-3DC - D.C. powered 19.99 volts DC measuring range

DPM350M-8AC - D.C. powered 1.999 amps AC measuring range

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