D1 International, Inc.

DPM5135

3 1/2 DIGIT LED VOLT/AMP PANEL METER

FEATURES:

- Simple snap-in installation
- Built-in bezel
- Easy to read 0.5” LED readout
- Automatic zero and automatic polarity indication
- User selectable decimal point position

A precision digital voltmeter using bright LED readouts and easy snap-in installation makes this high accuracy meter an excellent choice for instruments of all types.

TYPICAL APPLICATIONS:

Null Indicator	Tuning Indicator
AC Voltage	Tachometer
AC Current	Fluid Flow Rate
Ohms, Power, pH	Capacitance/Inductance
Thermometer	Digital Scale

Interface circuits may be required for some of the above applications.

ELECTRICAL SPECIFICATIONS:

Basic DC Input Range:	±199.9mV (±1.999V, ±19.99V or ±1999.9V available)
DC Current Ranges:	±19.99mA to ±1,000 Amps (Contact D1 International)
Accuracy:	±0.1% of reading, ± 1 count
Power Supply:	5 Volts DC, ,130mA
Temperature Coefficient:	100ppm/°C
Conversion Rate:	Approx. 3 times/second
Overrange Indication:	“1” @ left of display
Operating Temperature Range:	0°C to +50°C
Operating Humidity:	Up to 85%, noncondensing
Weight:	Approx. 1.6oz., (45g)

D1 International, Inc. 95 E. Main St., Huntington, NY 11743 USA
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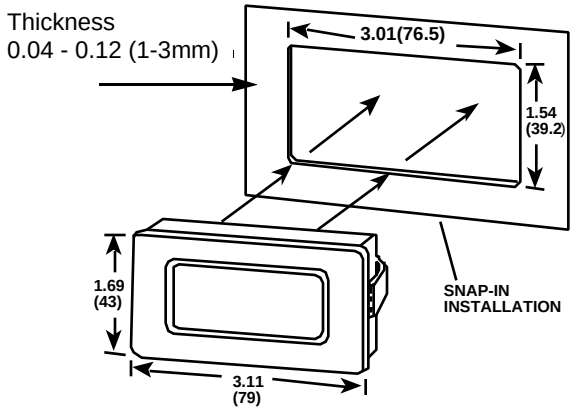
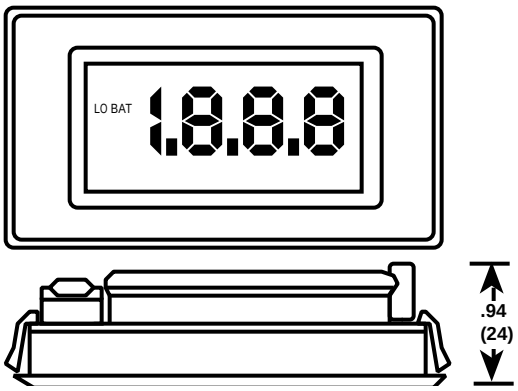
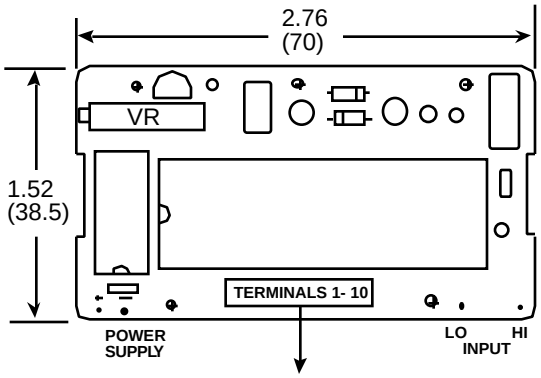
MECHANICAL SPECIFICATIONS:

DIMENSIONS IN INCHES (mm)







TERMINALCONNECTIONS:

1. Reference Voltage Output	6. Decimal Point 2
2. Power Supply (+)	7. Decimal Point 3
3. Power Supply (-)	8. N/C
4. Decimal Point Common	9. Input Hi (+)
5. Decimal Point 1	10. Input Loi (-)

Decimal point position is set by connecting Terminal 4 (Decimal Point Common) to Terminals 5, 6, or 7.

MODEL	DC VOLTAGE RANGE	IMPEDANCE
DPM5135/0	±199.9mVDC	>1,000MΩ
DPM5135/C	±199.9mVDC	>1,000MΩ
DPM5135/2	±1.999VDC	>1,000MΩ
DPM5135/20	±19.99VDC	1 Megohm
DPM5135/200	±199.9VDC	1 Megohm

NOTE: DPM5135/C to be used in applications where "Input Lo" is above power supply ground. Contact D1 International for details.

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