

**LARGE LCD Rangeable
Voltage Digital Panel Meters -
3 1/2 digit**



Description

The DPV-8 voltage-powered and controlled indicator features a large 0.98", 3-1/2 digit red, blue, amber, or green LCD. Also available in standard black on green. Powered by 12 or 24Vdc, it is compatible with virtually any 200mVdc, 5Vdc, or 10Vdc signal. User selectable "°F", "°C", "PSI", and "%" units can be displayed. Separate zero and span adjustments. Decimal point user selectable. Factory calibration available.

Features

- Provides a large, .98", 3 1/2 digit display.
- Optional Red, Blue, Green, or Amber backlighting
- Decimal point user selectable
- Eng. units user selectable
- Snap-in panel mounting
- Large .98" digits for easy viewing
- Gasket and clamp provided for optional NEMA applications

Specifications

Display:	Digits: 3 1/2 digits (±1999 counts)
Type:	0.98" (24.9 mm) 7 segment LCD
Backlighting*:	Optional Red Negative (red numbers/black background) Optional Blue Negative (blue numbers/black background) Optional Green Negative (green numbers/black background) Optional Amber Negative (amber numbers/black background)
Polarity:	Automatic, "-" displayed
Annunciators:	°F, °C, PSI, %, user selectable
Decimal Points:	3 position, user selectable
Overload:	Three lower order digits blank for inputs >1999 & <-1999
Inputs:	Ranges: 200mV, 5V, 10V
Performance: Accuracy:	±0.05% of Full Scale + 1 count
Conversion Rate:	3 per second
Normal Mode Rejection:	>30 db @ 60 Hz
Adjustments:	Span (gain)(2) (10V and 5V) and Zero (offset)
Warmup:	10 minutes typical
Temperature Coeff.:	± 100 ppm per °C typical
Offset Range:	-1999 to +1999
Gain Range:	1-1000 (custom ranges available)
Environment:	Operating Range: -10 to 50 °C
Storage Range:	-40 to 75 °C
Power Supply:	24V or 12V @ 10mA
Optional Backlight:	24V DC at 35 mA typical
Mounting:	Snap-in panel mount or clamp and gasket
Connection:	4 screw terminal

Dimensions

Width	3.78" (96 mm)
Height	1.89" (48.0 mm)
Depth	1.28" (32.5 mm)
Cutout	
Width	3.62" (92.0 mm)
Height	1.77" (45.0 mm)

Ordering Info

- DPV-8 Voltage Powered Large Digit LCD DPM
 DPV-8A Voltage Powered Large Digit LCD DPM, Amber Negative
 DPV-8G Voltage Powered Large Digit LCD DPM, Green Negative
 DPV-8R Voltage Powered Large Digit LCD DPM, Red Negative
 DPV-8B Voltage Powered Large Digit LCD DPM, Blue Negative
 APS-12 120V AC to 12V DC Power Supply
 APS-24 120V AC to 24V DC Power Supply