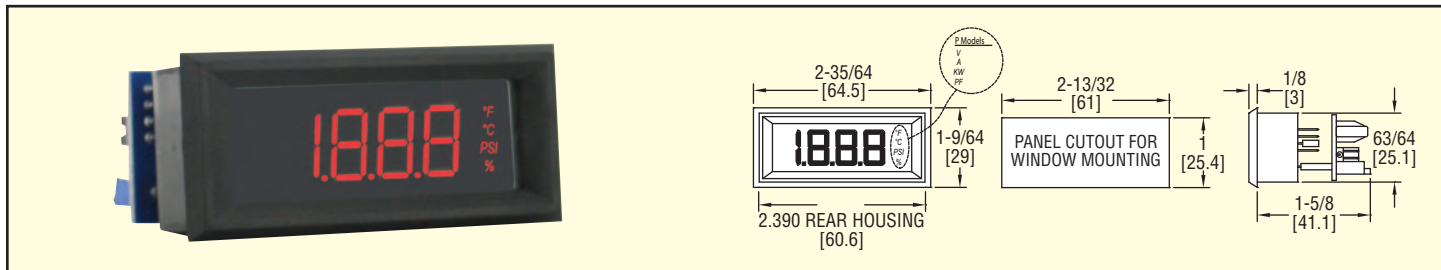




Series
DPMP

LCD Digital Panel Meters

3-1/2 Digit, User Selectable Engineering Units, Panel Mount



The Series DPMP LCD Digital Process Meter provides easy viewing on the 3-1/2 digit LCD display. The display segments are available in a choice of amber, black, red or green. The meter features user-selectable engineering units, adjustable span and zero and field-selectable decimal point position. The snap-in bezel mount eliminates mounting hardware for quick installation. A 24 VDC power supply is required for the operation of the backlight.

SPECIFICATIONS

Input: DPMP-4XX(P): 4 to 20 mA; DPMP-5XX(P): 0 to 200 mVDC, 0 to 5 VDC, or 0 to 10 VDC.

Input Impedance: DPMP-4XX(P): 300Ω nominal; DPMP-5XX(P): 390Ω nominal.

Accuracy: ±(0.1% FS + 2 count).

Power Supply: DPMP-4XX(P): Powered by control loop; DPMP-5XX(P): 12 VDC or 24 VDC.

Backlight Power Supply: 24 VDC @ 35 mA typical.

Span and Zero: Adjustable (±1999 Counts).

Display: 3-1/2 digits, 7 segments, 0.45" (11.4 mm) H.

ACCESSORIES

DPM-12P, Regulated 120 VAC to 12 VDC Power Supply

DPM-24P, Regulated 120 VAC to 24 VDC Power Supply

Decimal Points: 3-position, user selectable.

Engineering Units: DPMP-XXX: °F, °C, %, psi; DPMP-XXX(P): V, A, KW, PF.

Polarity: Automatic, "-" displayed.

Operating Temperature: 32 to 122°F (0 to 50°C).

Storage Temperature: -4 to 158°F (-20 to 70°C).

Mounting: Snap-in bezel mount.

Connection: Screw terminals.

Conversion Rate: 3 per second.

Warm-Up: 10 minutes typical.

Weight: 2 oz (56.7 g).

Agency Approvals: RoHS.

Model	Input	Segments	Engineering Units
DPMP-401	Current	Amber Segments	°F, °C, %, PSI
DPMP-402	Current	Green Segments	
DPMP-403	Current	Red Segments	
DPMP-501	Voltage	Amber Segments	V, A, KW, PF
DPMP-502	Voltage	Green Segments	
DPMP-503	Voltage	Red Segments	
DPMP-401P	Current	Amber Segments	V, A, KW, PF
DPMP-402P	Current	Green Segments	
DPMP-403P	Current	Red Segments	
DPMP-501P	Voltage	Amber Segments	V, A, KW, PF
DPMP-502P	Voltage	Green Segments	
DPMP-503P	Voltage	Red Segments	