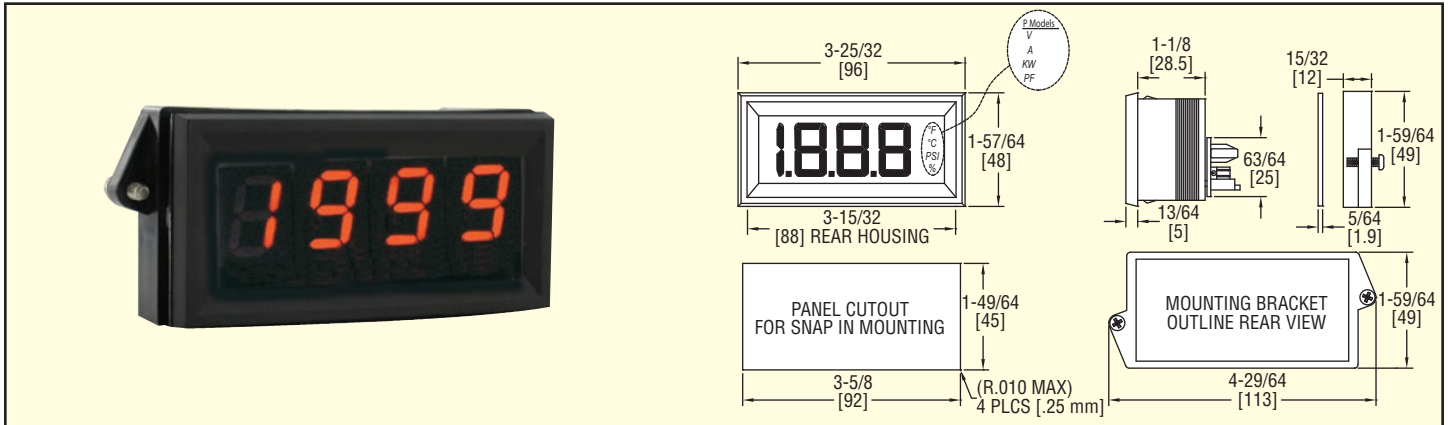




Series
DPMA

LCD Digital Panel Meters

1/8 DIN, Loop Powered, Large 3-1/2 Digit Display



Series DPMA Adjustable LCD Digital Panel Meter offers a 3-1/2 digit display for easy viewing in a standard 1/8 DIN package. Unit accepts 4 to 20 mA, 0 to 5 VDC, or 0 to 10 VDC inputs with a wide bipolar span and zero adjustment. Standard features include field selectable engineering units and decimal point positions. Choose from red, amber, or green segments for easy viewing at a distance. A 24 VDC power supply is required for the operation of the backlight.

Model	Input	Segments	Engineering Units
DPMA-401	Current	Amber Segments	°F, °C, %, PSI
DPMA-402	Current	Red Segments	
DPMA-404	Current	Green Segments	
DPMA-501	Voltage	Amber Segments	
DPMA-502	Voltage	Red Segments	V, A, KW, PF
DPMA-504	Voltage	Green Segments	
DPMA-401P	Current	Amber Segments	
DPMA-402P	Current	Red Segments	
DPMA-404P	Current	Green Segments	
DPMA-501P	Voltage	Amber Segments	
DPMA-502P	Voltage	Red Segments	
DPMA-504P	Voltage	Green Segments	

ACCESSORIES

DPM-12P, Regulated 120 VAC to 12 VDC Power Supply
DPM-24P, Regulated 120 VAC to 24 VDC Power Supply

SPECIFICATIONS

Input: DPMA-4XX(P): 4 to 20 mA; DPMA-5XX(P): 0 to 200 mVDC, 0 to 5 VDC or 0 to 10 VDC.
Input Impedance: DPMA-4XX(P): 300Ω nominal; DPMA-5XX(P): 390KΩ nominal.
Accuracy: ±(0.05% FS + 1 count).
Power Supply: DPMA-4XX(P): Powered by control loop; DPMA-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, 1" (25.4 mm) H.

APPLICATIONS

Used to display process values from pressure, humidity, temperature, voltage, current, watt, or power factor transmitters.

Decimal Points: 3-position, user selectable.

Engineering Units: DPMA-XXX: °F, °C, %, psi; DPMA-XXXP: 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 panel mount or clamp (gasket included).

Connection: Screw terminals.
Conversion Rate: 3 per second.

Warm-Up: 10 minutes typical.
Weight: 4 oz (113.4 g).

Agency Approvals: RoHS.