**Dwyer®**

**Series DPMA**

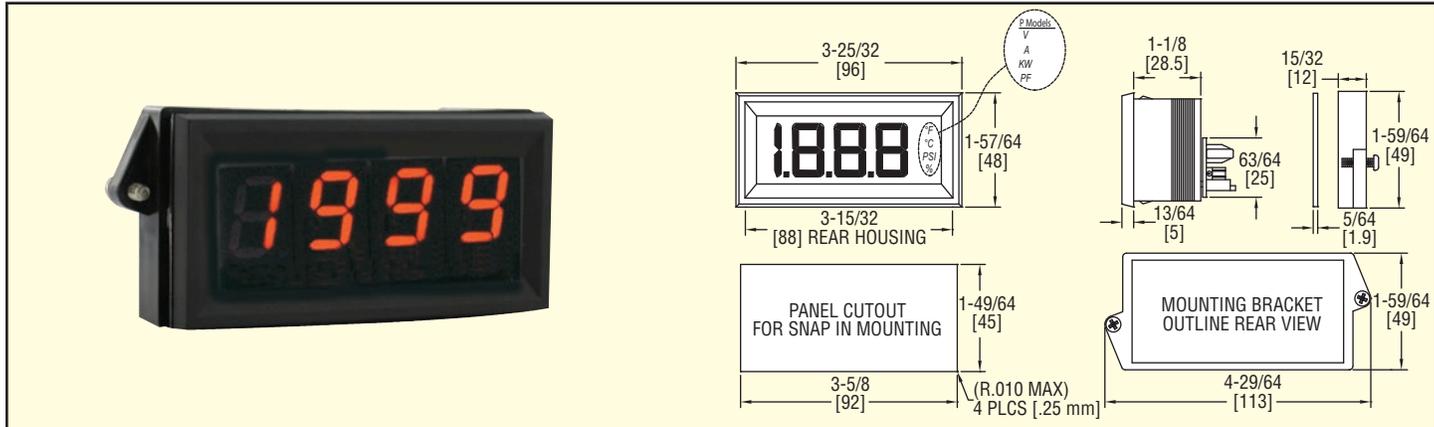# LCD Digital Panel Meters
## 1/8 DIN, Loop Powered, Large 3-1/2 Digit Display

Disponibile anche ATEX

RoHS



**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 | |
| DPMA-402 | Current | Red Segments | |
| DPMA-404 | Current | Green Segments | °F, °C, %, PSI |
| DPMA-501 | Voltage | Amber Segments | |
| DPMA-502 | Voltage | Red Segments | |
| DPMA-504 | Voltage | Green Segments | |
| DPMA-401P | Current | Amber Segments | |
| DPMA-402P | Current | Red Segments | |
| DPMA-404P | Current | Green Segments | V, A, KW, PF |
| 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.

**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.

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