**Series DPMP-4 LCD Digital Panel Meters**

**Specifications - Installation and Operating Instructions**

![Series DPMP LCD Digital Panel Meters Image](image)

**SPECIFICATIONS**

**Inputs:** 4 to 20 mA.

**Input Impedance:** 300Ω nominal.

**Accuracy:** ±(0.1% FS + 2 count).

**Power Supply:** Powered by control loop.

**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.

**Decimal Points:** 3-position, user selectable.

**Engineering Units:** DPMP-XXX: °F, °C, %, PSI; DPMP-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 bezel mount

**Connection:** Screw terminals.

**Conversion Rate:** 3 per second.

**Warm-Up:** 10 minutes typical.

**Weight:** 2 oz (56.7 g).

**Agency Approvals:** RoHS.

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**INSTALLATION**

The Series DPMP is designed for panel mounting in a 2.4” (61 mm) W x 1” (25.4 mm) H panel cutout.

**WIRING**

The unit is powered by a 4-20 mA loop and the screw terminals for wiring are located on the back of the adder board marked with + SIG -. The backlighting requires a 24 VDC power supply and should be connected to terminals identified with + B/L -.

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**Rear View**

Note: If backlight supply is not loop supply, ground should be referenced together.
OPERATION
Selecting Engineering Units
Four sets of jumper pins are located in the back of the meter, between the meter and the adder board. Move the jumper to fit over the appropriate pins which correspond to the desired engineering units. See Figure 1.

Selecting Decimal Point Position
Four decimal point positions are available on the digital panel meter. Move the jumper to correspond to the desired decimal point location. See Figure 2.

Setting Min/Max Display Value J1, J2, J3 (See Figure 3 & 4):
If:
Min Display is ≤ 0 or
Min Display is > 0 and Max Display > Min Display ≥ 5,
Then:
J1, J2 & J3 should be all set to the top jumper (See Figure 3).

If:
Min Display is > 0 and Max Display > Min Display < 5,
Then:
J1, J2, J3 should be all set to the jumper (See Figure 4).

MAINTENANCE/REPAIR
Upon final installation of the Series DPMP-4, no routine maintenance is required. The Series DPMP-4 is not field serviceable and should be returned if repair is needed. Field repair should not be attempted and may void warranty.

WARRANTY/RETURN
Refer to “Terms and Conditions of Sale” in our catalog and on our website. Contact customer service to receive a Return Goods Authorization number before shipping the product back for repair. Be sure to include a brief description of the problem plus any additional application notes.