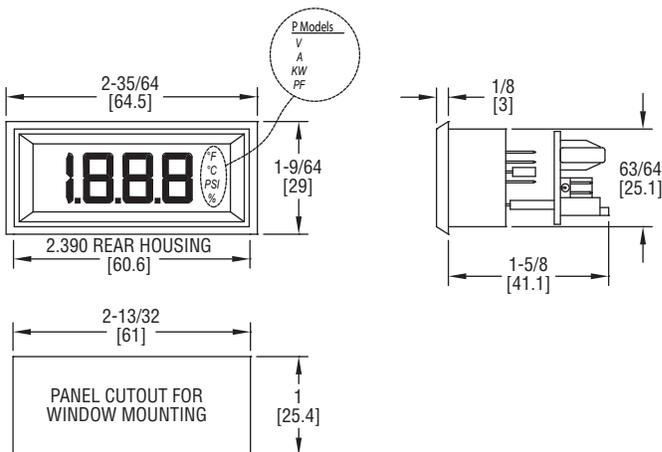




Series DPMP-5 LCD Digital Panel Meters

Specifications - Installation and Operating Instructions

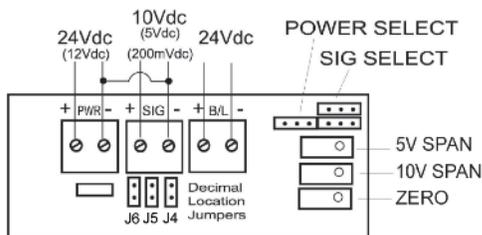


The DPMP-5 LCD Digital Panel Meter provides easy viewing on the 3-1/2 digit display. The display segments are available in a choice of amber, green or red. The meter features user selectable engineering units, adjustable zero and span, and field selectable decimal point position. The snap-in bezel mount eliminates mounting hardware.

INSTALLATION

The Series DPMP-5 is designed for panel mounting in a 2.4" x 1" (61 mm x 25.1 mm) H panel cutout.

WIRING



(upper) WIRING

Figure 1

The unit is powered by 12 or 24 VDC and the screw terminals for wiring are located on the back of the adder board marked with "+ PWR -". Move the power select jumper for the appropriate power supply value (see Figure 2). The backlighting requires a 24 VDC power supply and should be connected to terminals identified with "+ B/L -".

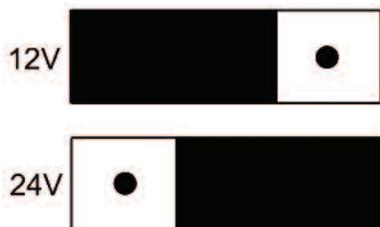


Figure 2

SPECIFICATIONS

- Inputs:** 0 to 200 mVDC, 0 to 5 VDC, or 0 to 10 VDC.
- Input Impedance:** 390KΩ nominal.
- Accuracy:** ±(0.1% FS +2 count).
- Power Supply:** 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.
- 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 mounts.
- Connection:** Screw terminal.
- Conversion Rate:** 3 per second.
- Warm-Up:** 10 minutes typical.
- Weight:** 2 oz (56.7 g).
- Agency Approvals:** RoHS.

The unit accepts 200 mVDC, 5 VDC or 10 VDC. Wire input according to the figure below. Set the signal select jumper for the appropriate input.

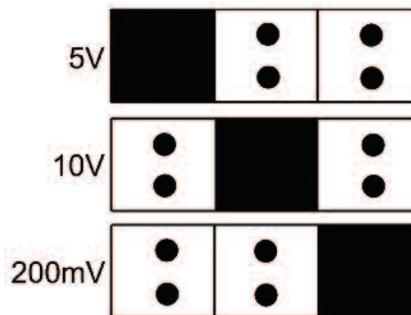


Figure 3

## 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 4).

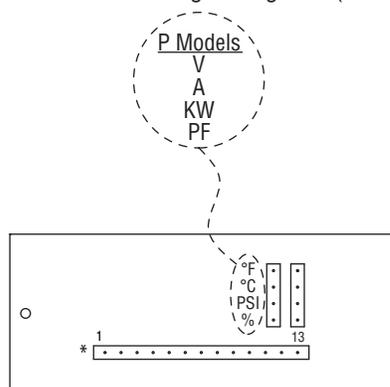


Figure 4

## MAINTENANCE/REPAIR

Upon final installation of the Series DPMP-5 LCD, no routine maintenance is required. The Series DPMP-5 LCD 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.

### 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 5).

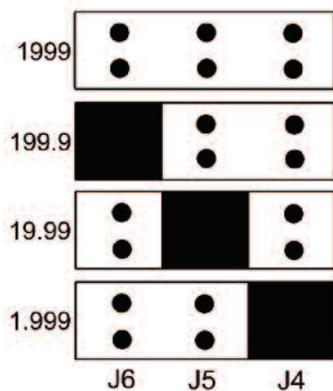


Figure 5