Series DPMA-4 Adjustable LCD Digital Panel Meter offers a 3-1/2 digit display for easy viewing in a standard 1/8 DIN package. Unit accepts 4-20 mA DC inputs with a wide bipolar zero and span 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.

**INSTALLATION**
The Series DPMA-4 is designed to snap into a 3.62˝ (92 mm) W x 1.77˝ (45 mm) H panel cutout. No additional hardware is required.

**WIRING**
The unit is powered by a 4-20 mA loop and the screw terminal for wiring is 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 +pwr.

**SPECIFICATIONS**
- **Input**: 4-20 mA.
- **Input Impedance**: 300Ω nominal.
- **Accuracy**: ±0.05% FS + 1 count.
- **Backlight Power Supply**: 24 VDC @ 35 mA typical.
- **Span and Zero**: Adjustable (±1999).
- **Display**: 3-1/2 digits, 7 segments, 1” (25.4 mm) H.
- **Decimal Points**: 3-position, user selectable.
- **Engineering Units**: °F, °C, %, PSI.
- **Polarity**: Automatic, “-” displayed.
- **Operating Temperature**: 14 to 122°F (-10 to 50°C).
- **Storage Temperature**: -40 to 167°F (-40 to 75°C).
- **Mounting**: Snap-in panel mount or clamp (gasket included).
- **Connection**: Screw terminals.
- **Weight**: 4 oz (113.4 g).
- **Conversion Rate**: 3 per second.
- **Warm-up**: 10 minutes typical.

**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 Example shows °C turned on.

**Note**: If backlight supply is not loop supply, ground should be referenced together.
Selecting Decimal Point Position
Four decimal point positions are available on the digital process meter, J4-J7. Move the jumper to correspond to the desired decimal point location. See Figure 2.

![Figure 2] 

Setting Min/Max Display Value J1, J2, J3 (See Figure 3 & 4):

**If:**
- Min Display is \( \leq 0 \) 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).

![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).

![Figure 4] 

**MAINTENANCE**
Upon final installation of the Series DPMA-4 Adjustable LCD Digital Process Meters, no routine maintenance is required. A periodic check of the system calibration is recommended. The Series DPMA-4 is not field serviceable and should be returned if repair is needed (field repair should not be attempted and may void warranty). Be sure to include a brief description of the problem plus any relevant application notes. Contact customer service to receive a return good authorization number before shipping.