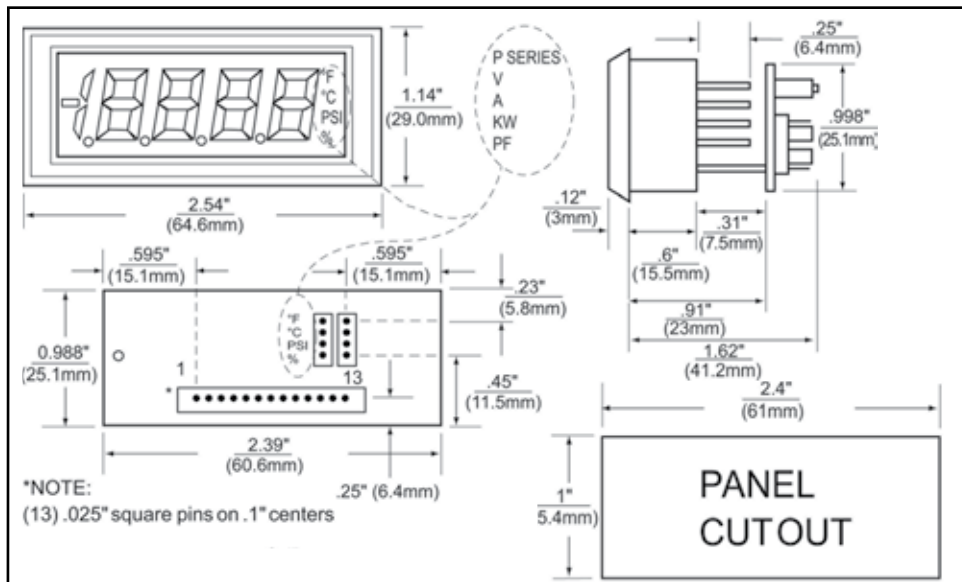
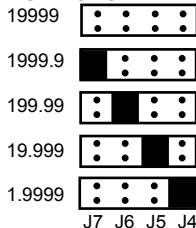


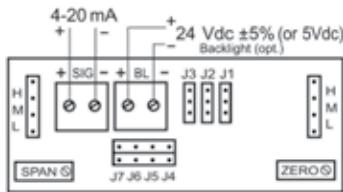
# 4 1/2 LOOP PANEL MOUNTING



## 1. DECIMAL SELECTION:



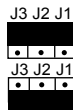
## JUMPER SELECTION AND WIRING



## 2. J1, J2, J3 SELECTION:

**IF:** MIN DISPLAY IS  $\leq 0$  **or**  
MIN DISPLAY IS  $> 0$  **and** MAX DISPLAY + MIN DISPLAY  $\geq 5$

**IF:** MIN DISPLAY IS  $> 0$  **and** MAX DISPLAY + MIN DISPLAY  $< 5$



## 3. SPAN JUMPER SECTION:

SPAN FACTOR	SET JUMPERS
0-12	L
10-22	M
22-32	H

**IF:** MIN DISPLAY IS  $\leq 0$  **or**  
MIN DISPLAY IS  $> 0$  **and** MAX DISPLAY + MIN DISPLAY  $> 5$

**THEN:** SPAN FACTOR =  $\frac{2.5 (\text{MAX DISPLAY} - \text{MIN DISPLAY})}{4000 + 0.02 (\text{MIN DISPLAY}) - 0.004 (\text{MAX DISPLAY})}$

**IF:** MIN DISPLAY IS  $> 0$  **and** MAX DISPLAY + MIN DISPLAY  $\leq 5$

**THEN:** SPAN FACTOR =  $\frac{\text{MAX DISPLAY} - \text{MIN DISPLAY}}{1600}$

## 4. ZERO (OFFSET) JUMPER SELECTION:

ZERO FACTOR	SET JUMPERS
0-3994	H
3320-7314	M
6640-10634	L

**IF:** MIN DISPLAY IS  $\leq 0$  **or**  
MIN DISPLAY IS  $> 0$  **and** MAX DISPLAY + MIN DISPLAY  $> 5$

**THEN:** ZERO FACTOR =  $\frac{(250000 + \text{MIN DISPLAY})}{(250000 + 400 (\text{SPAN FACTOR}))} \times (83834) - 73200$

**IF:** MIN DISPLAY IS  $> 0$  **and** MAX DISPLAY + MIN DISPLAY  $\leq 5$

**THEN:** ZERO FACTOR =  $\frac{10634 - (\text{MIN DISPLAY} - 400 (\text{SPAN FACTOR})) \times 83834}{250000}$

**Note:**  
If backlight supply is not loop supply, ground should be referenced together.