



## Features:

- ◇ Low-cost, high-performance replacement for many OEM DPMs
- ◇ Snap-in bezel mount eliminates mounting hardware
- ◇ Resistant to RF and EMI
- ◇ 3½ digits with high-contrast LCD
- ◇ 4- 20 mA loop powered input

## Specifications:

<b>Display:</b>	Digits:	3 ½ digits (±1999 counts)
	Type:	0.5" (12 mm) 7 segment LCD
	Polarity:	automatic, "-" displayed
	Decimal Points:	3 position, user selectable
	Ovrrange:	three lower order digits blank for inputs >1999 & < -1999
<b>Inputs:</b>	Ranges:	4-20 mA DC
	Configuration:	bipolar differential
	Protection:	30 mA max.
	Loop Burden:	300Ω nominal
<b>Performance:</b>	Accuracy:	±(0.1% fs + 2 count)
	Conversion Rate:	3 per second
	Normal Mode Rejection:	>30 dB @ 60 Hz
	Adjustments:	span (gain) and zero (offset)
	Warmup:	10 minutes typical
	Temperature Coeff.:	±100 ppm per °C typical
<b>Environment:</b>	Operating Range:	0 to 50 °C
	Storage Range:	-20 to 70 °C
<b>Power Supply:</b>	powered by the milliamp control loop	
<b>Mounting:</b>	snap-in bezel mount	
<b>Connection:</b>	2 screw terminal	

## Ordering Information:

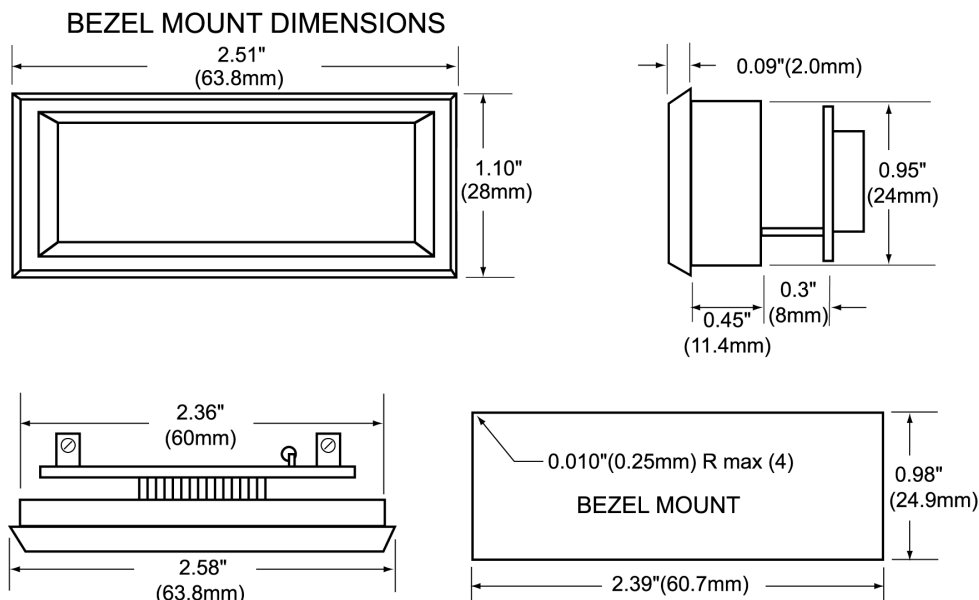
### PART NUMBER

LPI-J1

PW2-12.....Regulated 120V AC to 12V DC Power Supply

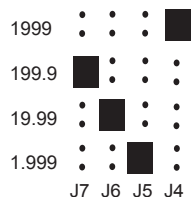
PW2-24.....Regulated 120V AC to 24V DC Power Supply

## Dimensions



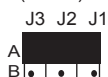
## Wiring

### 1. DECIMAL SELECTION:



### 2. J1, J2, J3 SELECTION:

**IF:** OFFSET (ZERO) IS 0 *or* OFFSET (ZERO) > 0 **and** GAIN (SPAN) ÷ OFFSET (ZERO) ≥ 5



**IF:** OFFSET (ZERO) > 0 **and** GAIN (SPAN) ÷ OFFSET (ZERO) < 5

