



# HVPI-800 Series

## 3.5 Digit LCD Panel Meter

### Large 1" - 3½ Digit Voltage Controlled DPM

#### Specifications

##### Display

Digits: 3 ½ digits ( $\pm 1999$  counts)  
 Type: 1" (24.9 mm) 7 segment high contrast LCD  
 Polarity: automatic, "-" displayed  
 Annunciators: °F, °C, PSI, %, user-selectable or V, A, KW, PF  
 Decimal Points: 3 position, user-selectable  
 Overrange: three lower order digits blank for inputs  $>1999$  &  $<-1999$

##### Inputs

Voltage Ranges: 200 mV, 5 V, 10 V  
 Configuration: single ended  
 Impedence: 390 K $\Omega$  min.

##### Performance

Accuracy:  $\pm(0.05\%$  of full scale + 1 count)  
 Conversion Rate: 3 per second  
 Normal Mode Rejection:  $>30$  dB @ 60 Hz  
 Adjustments: 25 turn potentiometers  
 Warmup: 10 minutes typical  
 Temperature Coeff.:  $\pm 100$  ppm per °C typical  
 Offset Range: -1999 to +1999  
 Gain Range: 1 to 1999 (custom ranges available)

##### Environment

Operating Range: -10 to 50 °C  
 Storage Range: -10 to 75 °C

##### Power Supply

Voltage Controlled: 10 mA at 12 V (9 to 16 V) or 24 V (16 to 32 V)  
 Backlighting: 35 mA typical @ 24 VDC

##### Mounting

snap-in bezel mount or clamp and gasket (included)

##### Connection

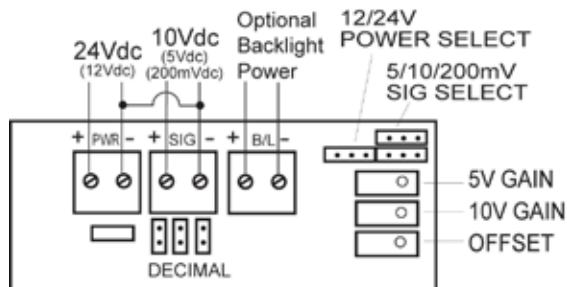
screw terminals



#### Features

- Large 1", 3½ digit display for easy viewing.
- User-selectable decimal points.
- User-selectable engineering units.
- Non-backlit LCD or choice of AMBER, GREEN, RED or BLUE backlit LCD.
- Wide ZERO (Offset) & SPAN (Gain) adjustment.
- Standard 1/8 DIN package.
- Snap-in panel mounting.
- Gasket and clamp provided for NEMA 4, NEMA 12 & IP66 applications.

#### Wiring

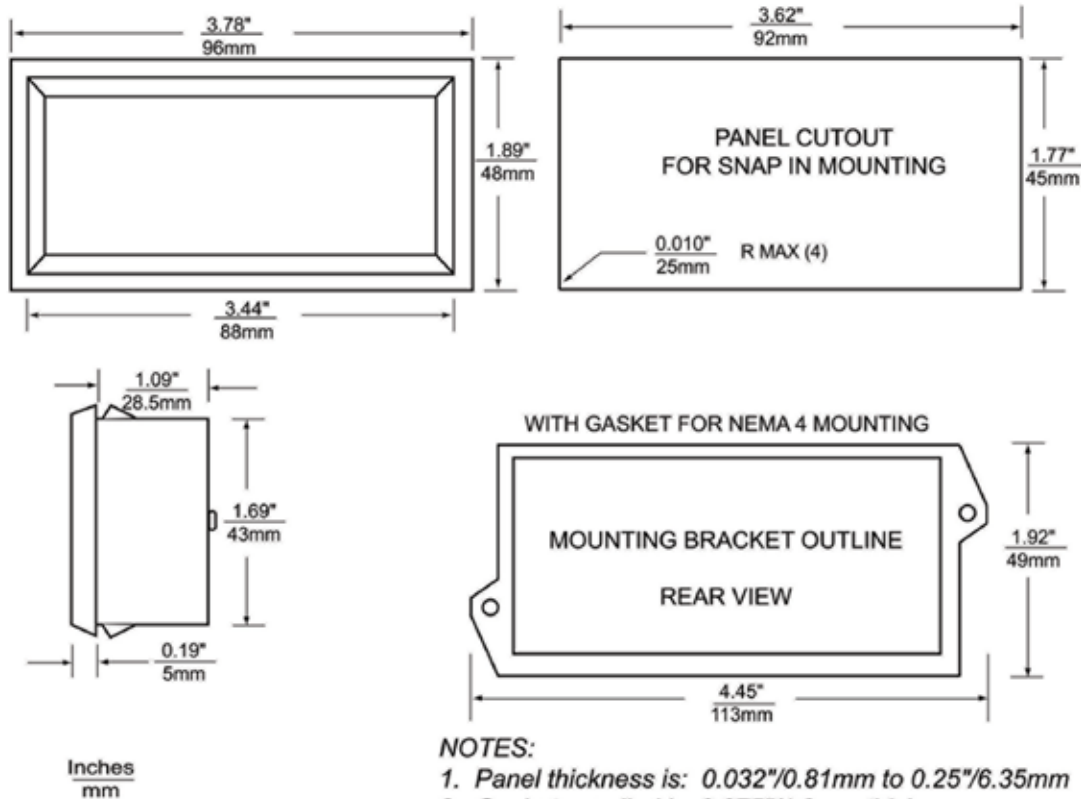




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### Dimensions



### Ordering Information

Part Number	Backlight Color	Meter Input	Meter Power	Backlight Power
LPI-809*	NO BACKLIGHT	Voltage	12/24VDC	NONE
LPI-809*A	AMBER	Voltage	12/24VDC	24VDC
LPI-809*B	BLUE	Voltage	12/24VDC	24VDC
LPI-809*G	GREEN	Voltage	12/24VDC	24VDC
LPI-809*R	RED	Voltage	12/24VDC	24VDC

\*Add (P) for Power Engineering Units V, A, KW, PF

#### ACCESSORIES

PW2-12	Regulated 120V AC to 12V DC Power Supply
PW2-24	Regulated 120V AC to 24V DC Power Supply
CVC	Calibrator