



HVPI-800 Series

3.5 Digit LCD Panel Meter

Large 1" - 3½ Digit Voltage Controlled DPM

Specifications

Display

Digits: 3 ½ digits (± 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 Ω 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.: ± 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

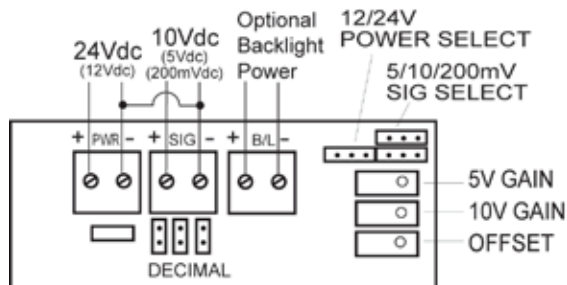
screw terminals



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

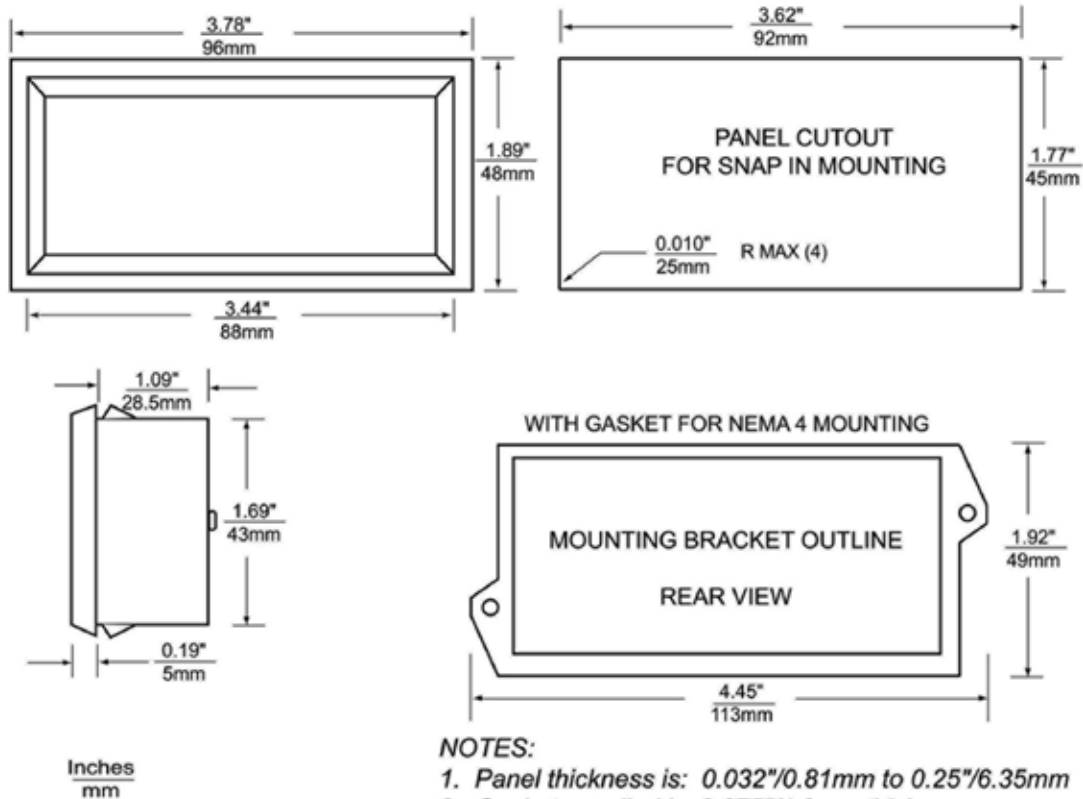




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Dimensions



Ordering Information

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

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