



# HDMO-8, HDMO-9 Series

## 3.5 Digit LED Panel Meter

### Large 3½ Digit LED Digital Panel Meter

#### Features

- Large, 0.8", 3½ digit, GREEN or RED display for easy viewing.
- Standard 1/8 DIN package.
- User-selectable decimal points.
- Snap-in panel mounting - no tools or hardware required.
- Gasket and clamp provided for NEMA4, NEMA12 & IP66 applications.

#### Specifications

##### Display

Digits:	3 ½ digits (±1999 counts)
Type:	0.8" (20.3 mm) LED
Polarity Indication:	Automatic, "-" displayed.
Decimal Point:	3 position selectable
Overrange:	Three lower order digits blank for inputs >1999 & < -1999

##### Inputs

Ranges:	±200.0 mV, +/-2.000 V, +/-20.00 VDC
Configuration:	bipolar, differential
Protection:	±350 VDC (±100 VDC for 200 mV range)
Impedance:	>1 MΩ, (>10 MΩ on 200 mV range)

##### Performance

Accuracy:	±(0.05% FS +1 counts)
Conversion Rate:	3 per second
Normal Mode Rejection:	>30 dB @ 60 Hz
Common Mode Range:	±1V DC
Common Mode Rej.:	>86 dB
Zero Adjustment:	Automatic
Warmup:	10 minutes typical
Temperature Coeff.:	± 100 ppm per °C typical

##### Power Supply

+5V DC (± 5%) 180 mA @ 5 V.

##### Environment

Operating Temperature:	-10 to 50°C
Storage Temperature:	-40 to 75°C.

##### Mounting

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

##### Connection

13 pin male connection



#### Ordering Information

Part #	Meter Color	Meter Power
<b>HDMO-8</b>		
HDMO-851 .....	RED .....	200mV
HDMO-852 .....	RED .....	2V
HDMO-853 .....	RED .....	20V
<b>HDMO-9</b>		
HDMO-951 .....	GREEN .....	200mV
HDMO-952 .....	GREEN .....	2V
HDMO-953 .....	GREEN .....	20V
J4C13	13 Pin Connector / Wire Assembly	
PW2-5	Regulated 120V AC to 5V DC Power Supply	
CVC	Calibrator	

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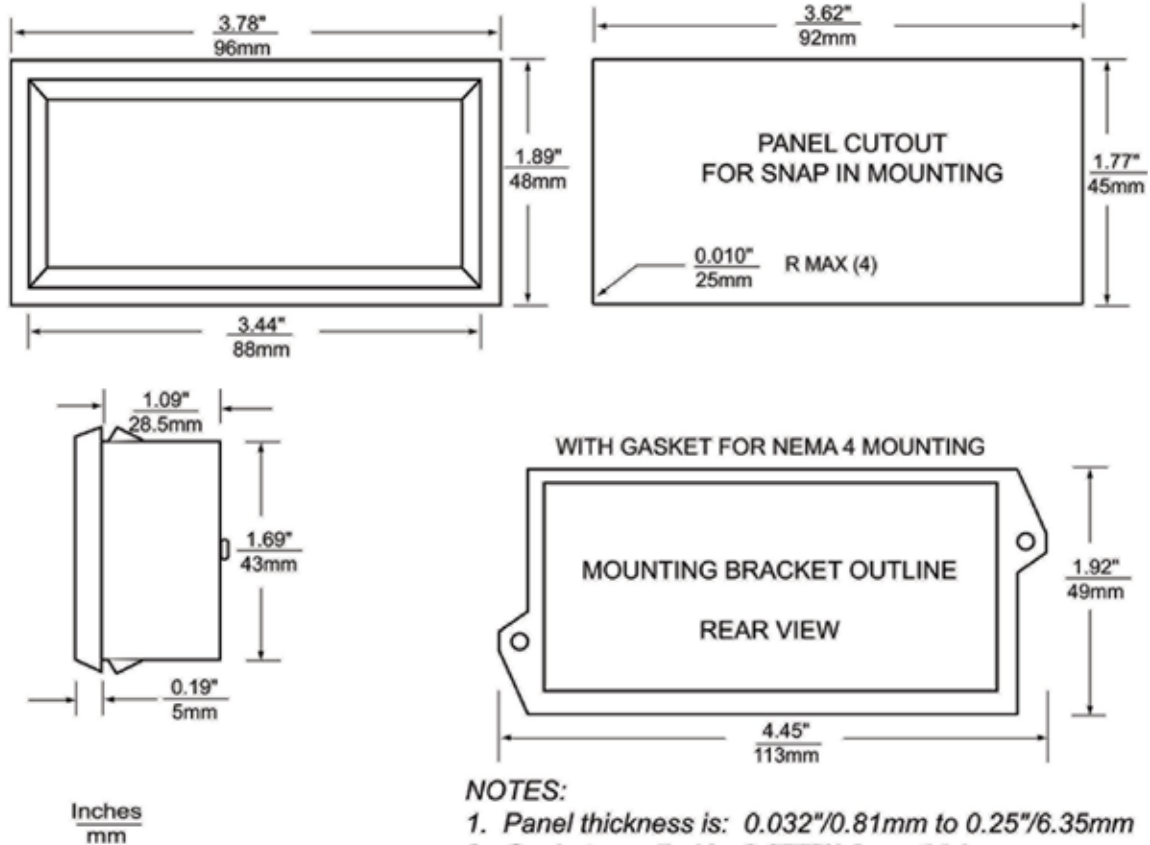
[www.hoytmeter.com](http://www.hoytmeter.com)



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### Dimensions



### Wiring & Calibration

Pin #	Description
1	+5V Power Supply
2	Negative Supply
3	INHI
4	INLO
5	Decimal Common
6	Decimal 000.0 When Connected To Decimal Common
7	Decimal 00.00 When Connected To Decimal Common
8	Decimal 0.000 When Connected To Decimal Common
9	No Connection Required
10	No Connection Required
11	No Connection Required
12	No Connection
13	No Connection

\* Note: Pins 2 & 4 should be tied together for proper operation