

LED Digital Panel Meters

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: automatic, "-" displayed.
 Decimal Points: 3 position, user 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 on 200 mV range)
 Impedance: >1 M Ω , (>10 M Ω on 200 mV range)

PERFORMANCE

Accuracy: $\pm(0.05\% \text{ FS} + 1 \text{ counts})$
 Conversion Rate: 3 per second
 Normal Mode Rejection: >30 dB @ 60 Hz
 Common Mode Range: ± 1 V DC
 Common Mode Rej.: >86 dB
 Zero Adjustment: automatic
 Warmup: 10 minutes typical
 Temperature Coeff.: ± 100 ppm per $^{\circ}\text{C}$ typical

ENVIRONMENT

Operating Range: -10 to 50 $^{\circ}\text{C}$
 Storage Range: -40 to 75 $^{\circ}\text{C}$

POWER SUPPLY

$+5$ V DC ($\pm 5\%$) 180 mA @ 5 V

MOUNTING

(included)

snap-in panel mount or clamp and gasket

CONNECTION

13 pin male connection

ORDERING INFO

PART NUMBER	METER COLOR	METER INPUT
DMO-851	RED	200mV
DMO-852	RED	2V
DMO-853	RED	20V
DMO-951	GREEN	200mV
DMO-952	GREEN	2V
DMO-953	GREEN	20V

ACCESSORIES

J4C13	13 Pin Connector / Wire Assembly
PW2-5	Regulated 120V AC to 5V DC Power Supply
CVC	Calibrator

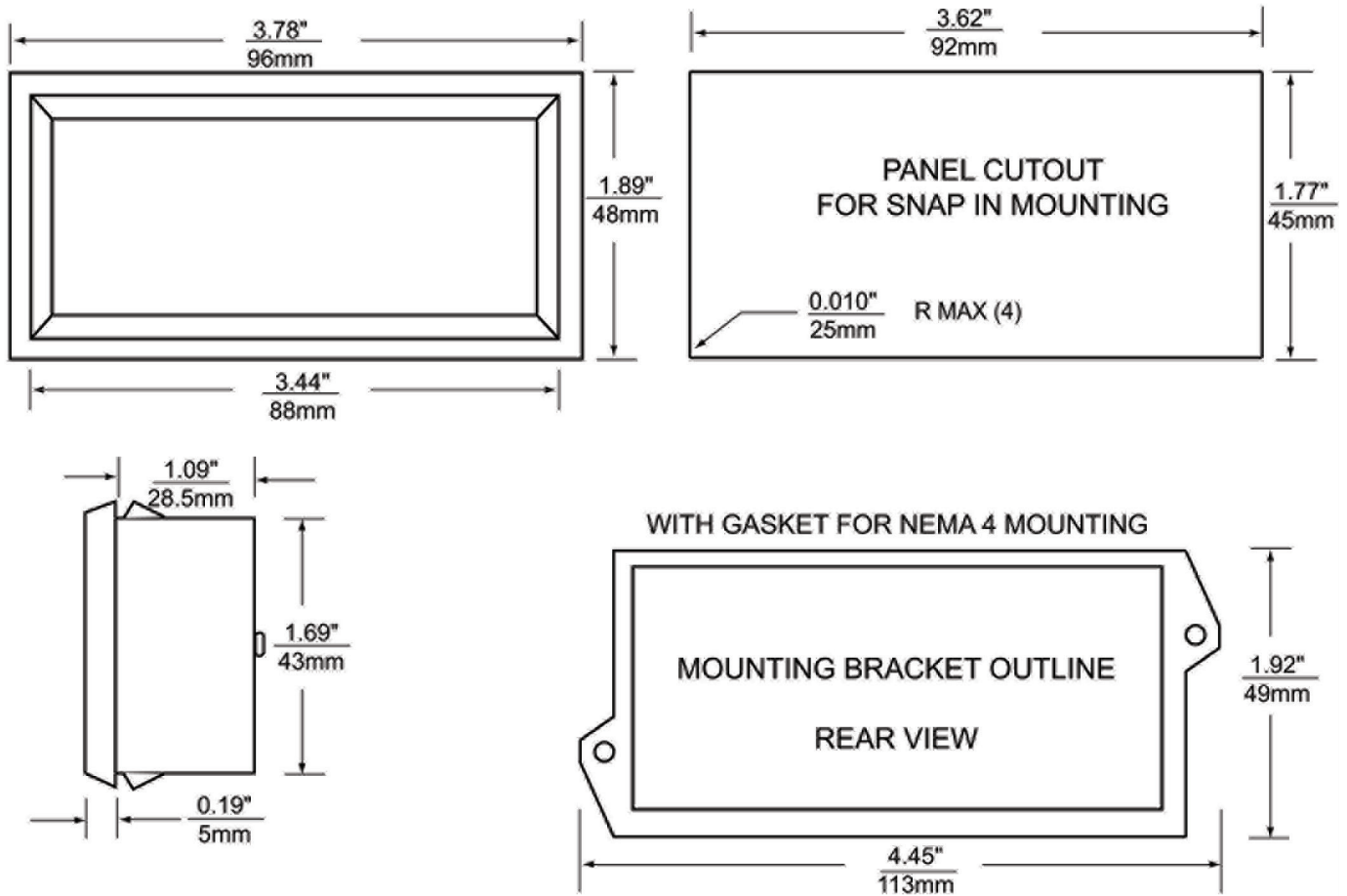


LED Digital Panel Meters

Large 3½ Digit LED Digital Panel Meter



DIMENSIONS



Inches
mm

NOTES:

1. Panel thickness is: 0.032"/0.81mm to 0.25"/6.35mm
2. Gasket supplied is: 0.075"/1.9mm thick

WIRING

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