



### 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 ( $\pm 1999$  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:  $\pm 200.0$  mV,  $\pm 2.000$  V,  $\pm 20.00$  VDC  
 Configuration: bipolar, differential  
 Protection:  $\pm 350$  VDC, ( $\pm 100$  VDC on 200 mV range)  
 Impedance:  $>1$  M $\Omega$ , ( $>10$  M $\Omega$  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:  $\pm 1$  V DC  
 Common Mode Rej.:  $>86$  dB  
 Zero Adjustment: automatic  
 Warmup: 10 minutes typical  
 Temperature Coeff.:  $\pm 100$  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



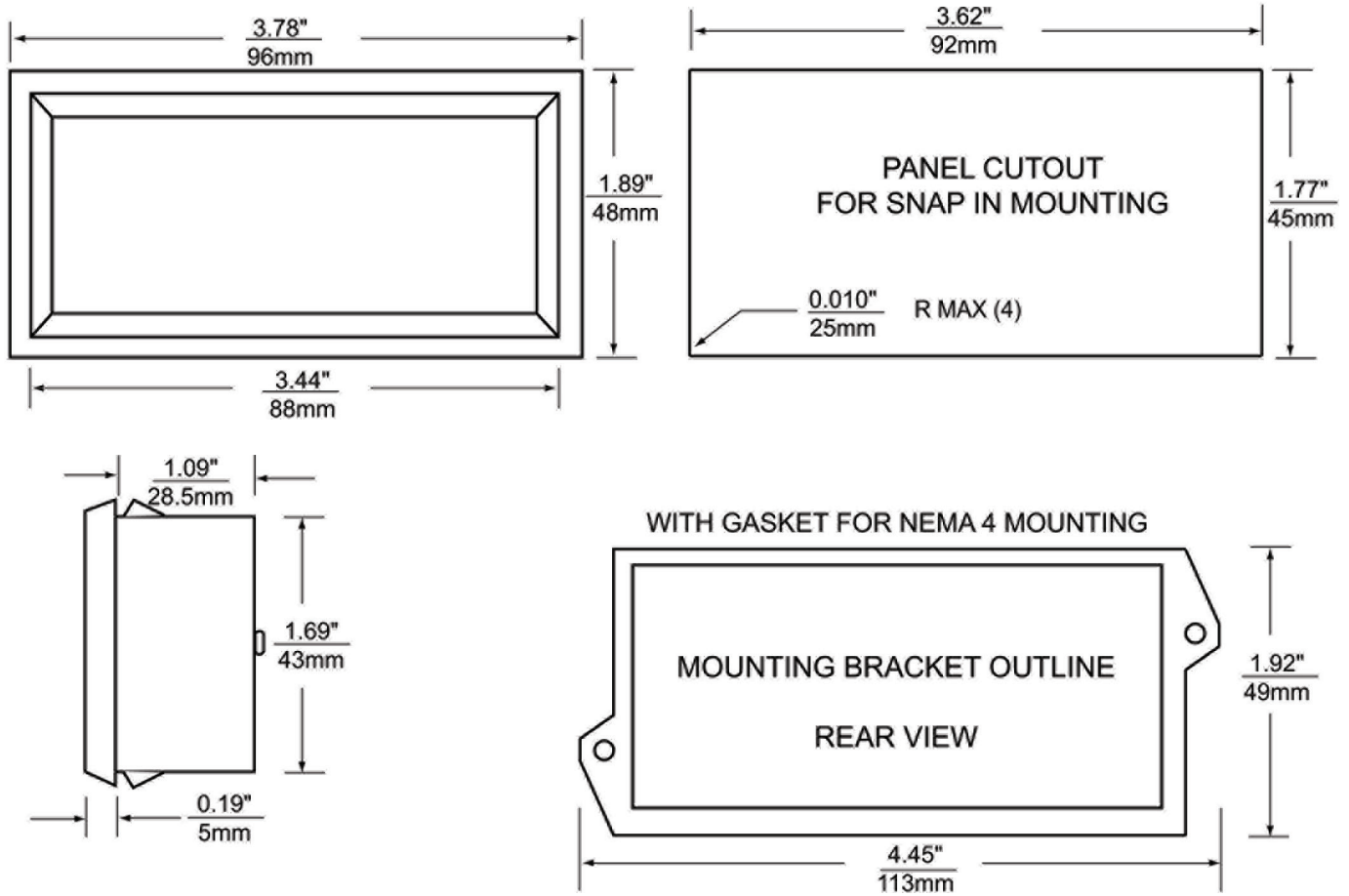
# Specifications Installation and Operating Instructions

# 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

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