



Features:

- ◇ Large, 0.8", 3½ digit, GREEN or RED display for easy viewing
- ◇ Standard ½ DIN package
- ◇ Decimal point user selectable
- ◇ Snap-in panel mounting - no tools or hardware required
- ◇ Gasket and clamp provided for NEMA4, NEMA12, & IP66 applications

Specifications:

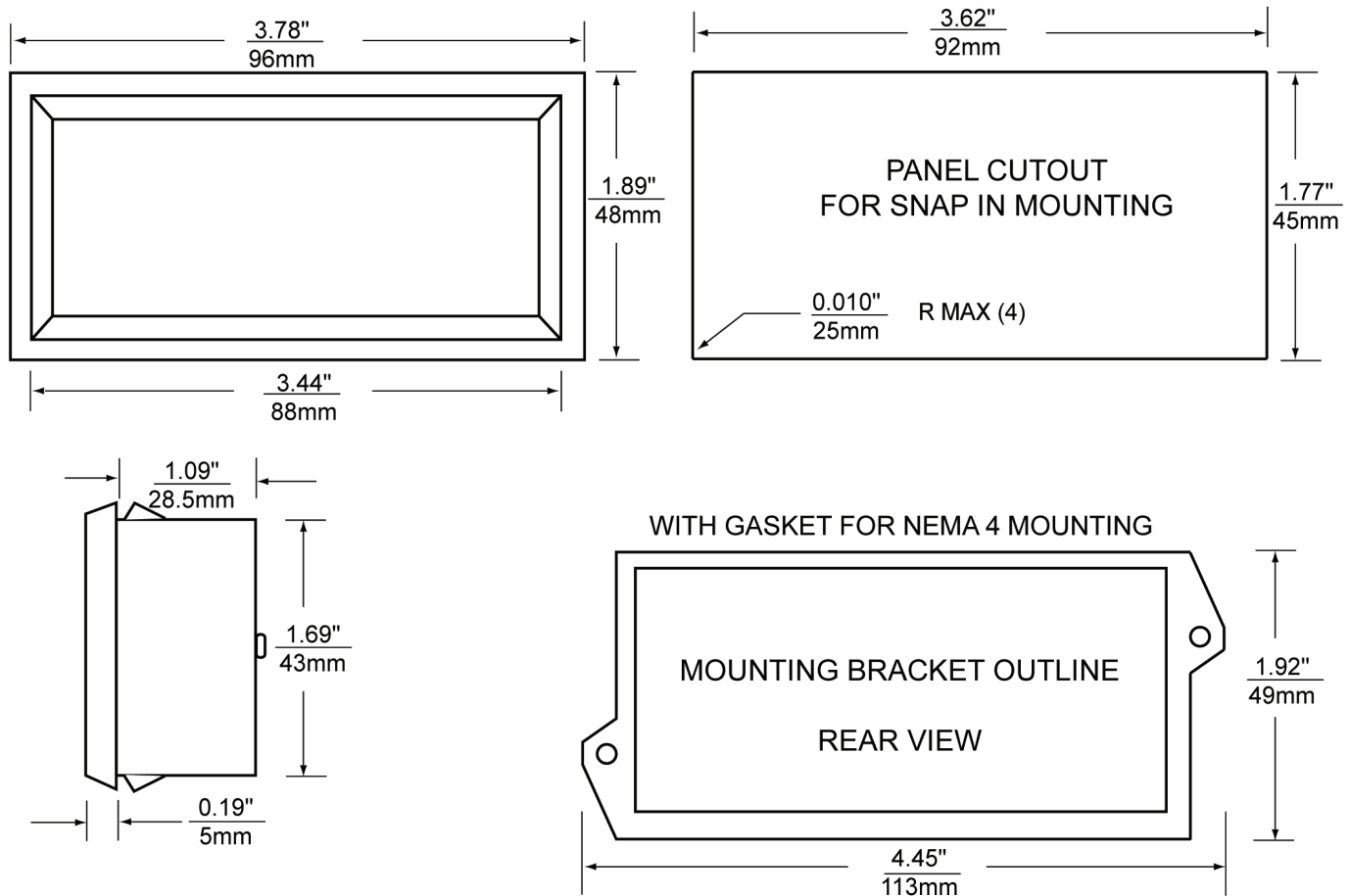
Display:	Digits:	3 ½ digits (±1999 counts)
	Type:	0.8" (20.3 mm) LED
	Polarity:	automatic, "-" displayed.
	Decimal Points:	3 position, user selectable
	Overrange:	three lower order digits blank for inputs >1999 & < -1999
	Hold:	display hold function is standard
Inputs:	Ranges:	±200.0 mV, +/-2.000 V, +/-20.00 VDC
	Configuration:	bipolar, differential
	Protection:	±350 VDC, (±100 VDC on 200 mV range)
	Impedance:	>1 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
Environment:	Operating Range:	-10 to 50 °C
	Storage Range:	-40 to 75 °C
Power Supply:		+5V DC (± 5%) 180 mA @ 5 V
Mounting:		snap-in panel mount or clamp and gasket (included)
Connection:		13 pin male connection

Ordering Information:

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

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

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 No.	Description
1	+5V power supply
2	Negative supply
3	INH1
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	Display hold when connected to +5V
12	No connection required
13	No connection required

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