



### Features:

- ◇ Large, 1", 3½ digit display for easy viewing
- ◇ Non-backlit LCD or choice of AMBER, GREEN, RED or BLUE backlit LCD
- ◇ Standard ½ DIN package
- ◇ Decimal point user selectable
- ◇ Engineering units user selectable
- ◇ Snap-in panel mounting
- ◇ 13 pin connector / wiring harness included
- ◇ Gasket and clamp provided for NEMA 4, NEMA 12, & IP66 applications

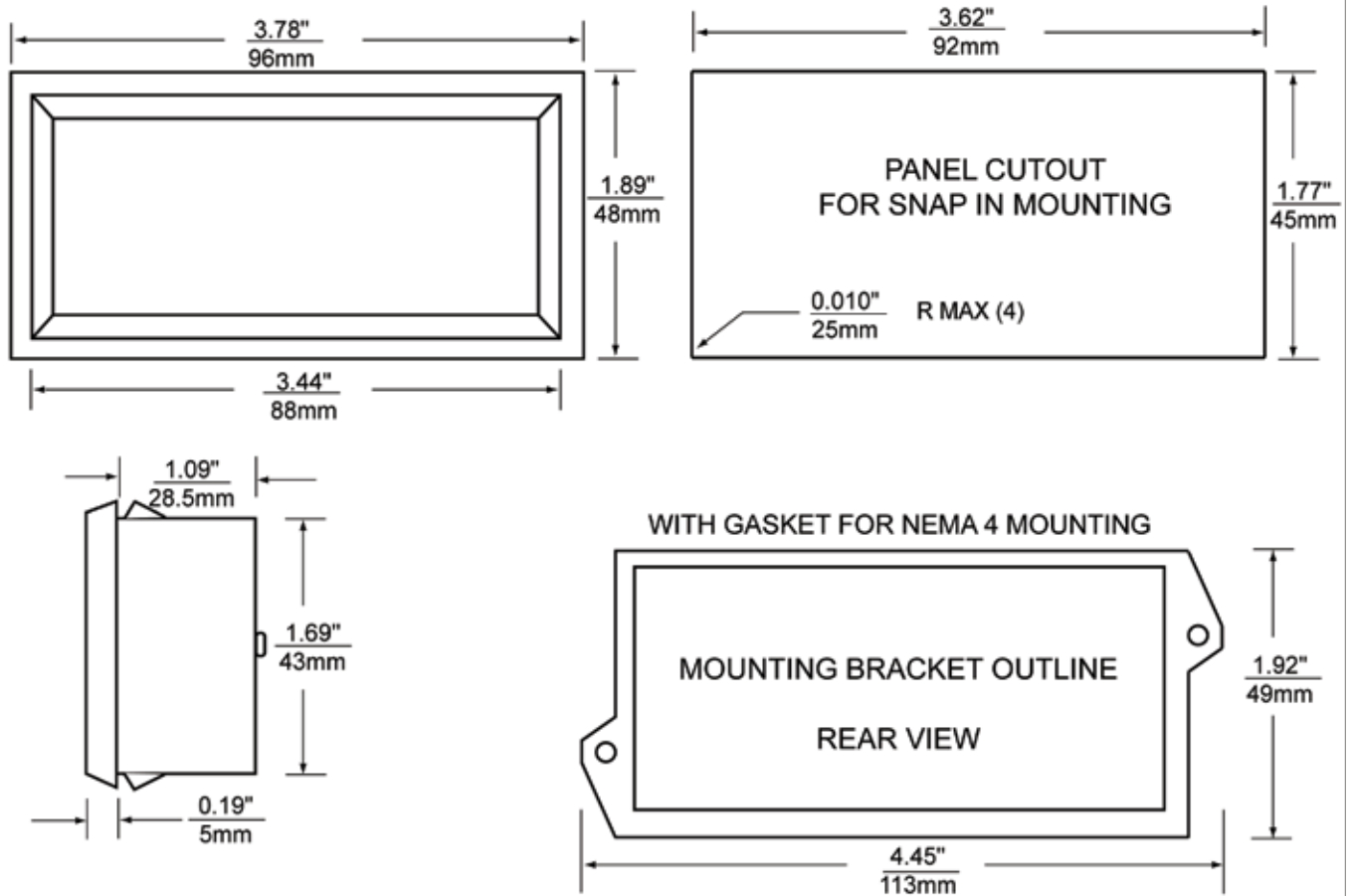
### Specifications:

<b>Display:</b>	Digits:	3 ½ Digits (±1999 counts)
	Type:	1" (24.9 mm) high contrast LCD
	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
<b>Inputs:</b>	Annunciators:	PSI, °F, °C, % (user selected)
	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)
<b>Performance:</b>	Accuracy:	±(0.05% FS + 1 counts)
	Conversion Rate:	3 per second
	Normal Mode Rejection:	>30 dB @ 60 Hz
	Common Mode Range:	±1 VDC
	Common Mode Rej.:	>86 dB
	Zero Adjustment:	automatic
	Warmup:	10 minutes typical
	Temperature Coefficient.:	±100 ppm per °C typical
<b>Environment:</b>	Operating Range:	-10 to 50 °C
	Storage Range:	-40 to 75 °C
<b>Power Supply:</b>	5V powered:	+5 VDC (±5%) 3 mA @ 5 V
	Backlighting:	35 mA typical @ 24 VDC
<b>Mounting:</b>	snap-in panel mount or clamp and gasket (included)	
<b>Connection:</b>	13 pin male connection	

### Ordering Information:

PART NUMBER	BACKLIGHT COLOR	METER INPUT	BACKLIGHT POWER
DK801A	NO BACKLIGHT	200mV	NONE
DK802A	NO BACKLIGHT	2V	NONE
DK803A	NO BACKLIGHT	20V	NONE
DK801-A24	AMBER	200mV	24VDC
DK802-A24	AMBER	2V	24VDC
DK803-A24	AMBER	20V	24VDC
DK801-B24	BLUE	200mV	24VDC
DK802-B24	BLUE	2V	24VDC
DK803-B24	BLUE	20V	24VDC
DK801-G24	GREEN	200mV	24VDC
DK802-G24	GREEN	2V	24VDC
DK803-G24	GREEN	20V	24VDC
DK801-R24	RED	200mV	24VDC
DK802-R24	RED	2V	24VDC
DK803-R24	RED	20V	24VDC
J4C13		13 Pin Connector / Wire Assembly	
PW2-5		Regulated 120V AC to 5V DC Power Supply	
PW2-24		Regulated 120V AC to 24V DC Power Supply	
PW1.0		24V AC to adjustable DC output	
CPW1.5		24V AC to adjustable DC output	
CVC		Calibrator	

### Dimensions



**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	INH
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	+ Backlight Power (optional)
13	- Backlight Power (optional)

To enable annunciators:



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