



Features:

- ◇ .45", 4½ digit display
- ◇ Decimal point user selectable
- ◇ Engineering units user selectable
- ◇ Non-backlit LCD or choice of AMBER, GREEN, RED or POS GREEN backlit LCD
- ◇ Wide ZERO (Offset) & SPAN (Gain) adjustment
- ◇ Snap-in panel mounting
- ◇ Gasket and clamp provided for NEMA 4, NEMA 12, & IP66 applications

Specifications:

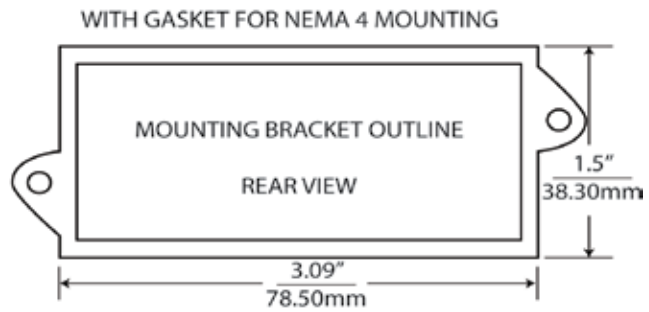
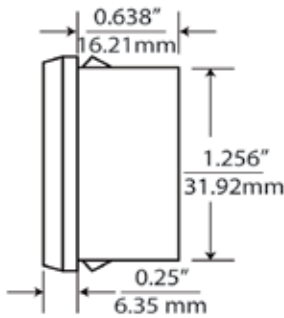
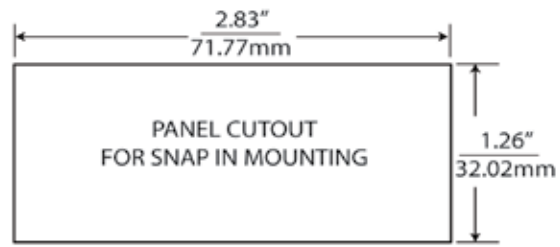
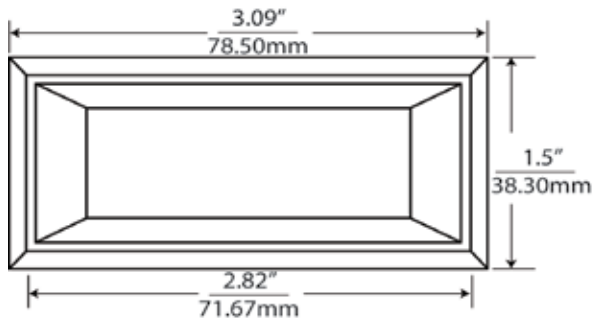
Display:	Digits:	4 ½ digits (±19999 counts)
	Type:	.45" (11.4 mm) 7 segment high contrast LCD
	Polarity:	automatic, "-" displayed
	Annunciators:	°F, °C, PSI, %, user selectable
	Decimal Points:	3 position, user selectable
	Overrange:	four lower order digits blank for inputs >19999 & < -19999
Inputs:	Voltage Ranges:	5 V, 10 V adjustable, 200mV fixed
	Configuration:	single ended
	Impedance:	390KΩ
Performance:	Accuracy:	±(0.05% of full scale + 1 count)
	Conversion Rate:	3 per second
	Normal Mode Rejection:	>30 dB @ 60 Hz
	Warmup:	10 minutes typical
	Temperature Coeff.:	± 100 ppm per °C typical
Adjustments:		25 turn potentiometers
	Offset Range:	-19999 to +19999
	Gain Range:	1 to 19999 (custom ranges available)
Environment:	Operating Range:	-10 to 50 °C
	Storage Range:	-40 to 75 °C
Power Supply:		12/24 DC
Mounting:		snap-in panel mount or clamp and gasket (included)
Connection:		screw terminals

Ordering Information:

PART NUMBER	BACKLIGHT COLOR	METER INPUT	METER POWER
DK799-XEC	NO BACKLIGHT	Voltage	12/24VDC
DK796-XEC	AMBER	Voltage	12/24VDC
DK797-XEC	GREEN	Voltage	12/24VDC
DK798-XEC	RED	Voltage	12/24VDC
DK800-XEC	POS GREEN	Voltage	12/24VDC

PW2-12.....Regulated 120V AC to 12V 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

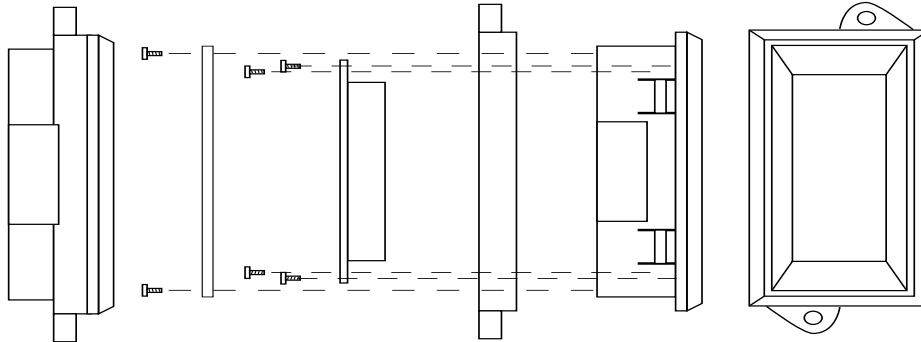
Dimensions



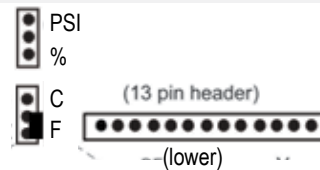
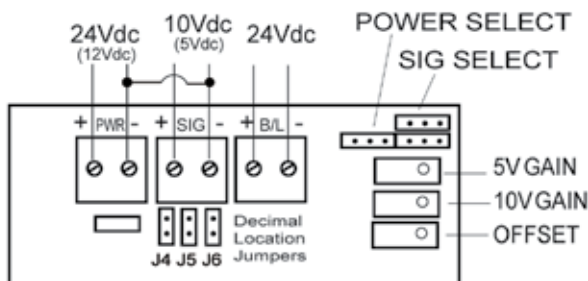
inches
mm

NOTES:

1. Panel thickness is: 0.032"/0.81mm to 0.25"/6.35mm
2. Gasket supplied is: 0.09"/2.25mm thick



Wiring



Decimal Point Selection

1. Locate jumpers J4 through J6 in the middle of the circuit board unit.
2. Jumper the appropriate decimal location as follows:
 - J4 - 000.0
 - J5 - 00.00
 - J6 - 0.000
 - None - 0000