

FEATURES

- ▶ .45", 4½ digit display
- ▶ User-selectable decimal points
- ▶ User-selectable engineering units
- ▶ 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: 4 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: 390K Ω

PERFORMANCE

Accuracy: $\pm(0.05\%$ 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: -10 to 75 °C

POWER SUPPLY

12/24 DC

MOUNTING

snap-in panel mount or clamp and gasket (included)

CONNECTION

screw terminals

ORDERING INFO

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

ACCESSORIES

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
PW1.5	24V AC to adjustable DC output
CVC	Calibrator

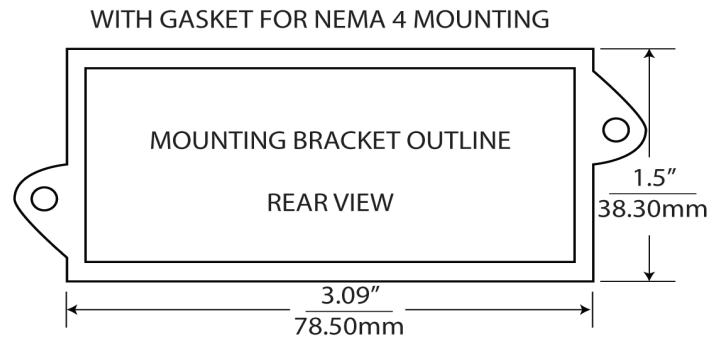
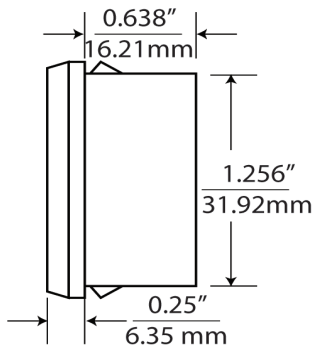
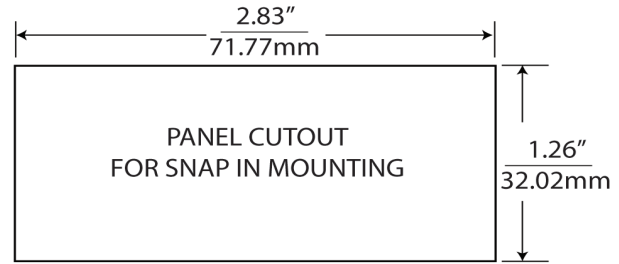
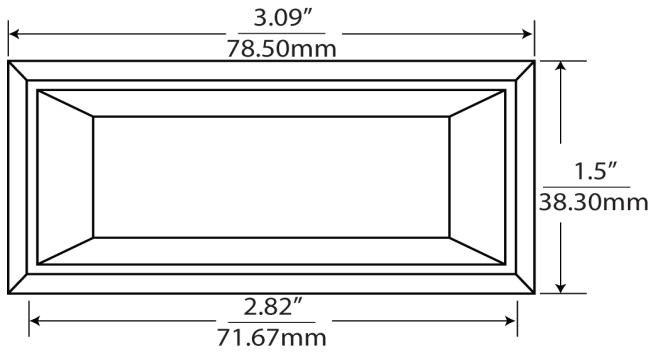


Specifications Installation and Operating Instructions
LCD Digital Panel Meters
 Adjustable Voltage Powered 4½ Digit

DK790V-XEC



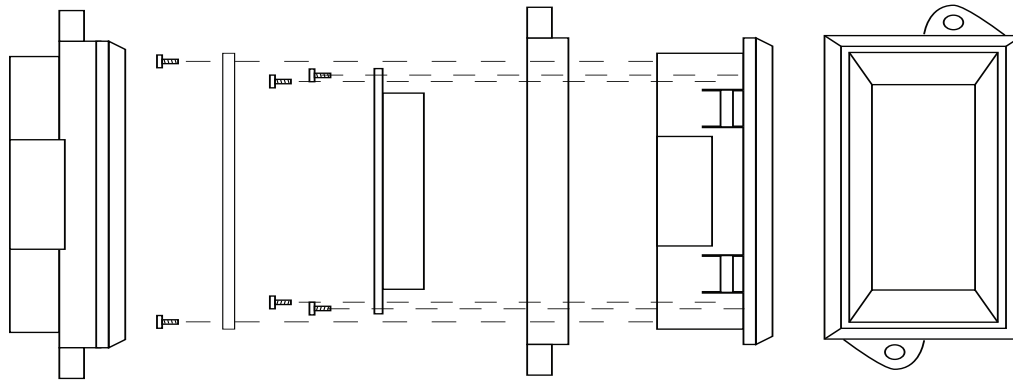
DIMENSIONS



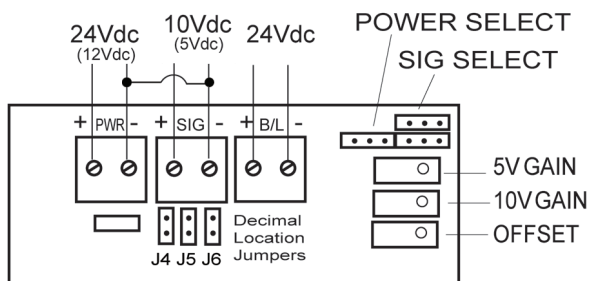
inches
mm

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

