



FEATURES

- ▶ Large, 1", 3½ digit display for easy viewing
- ▶ Standard 1/8 DIN package
- ▶ User-selectable decimal points
- ▶ User-selectable engineering units
- ▶ Snap-in panel mounting - no tools or hardware required
- ▶ 13 pin connector / wiring harness included
- ▶ Gasket and clamp provided for NEMA 4, NEMA 12 & IP66 applications

SPECIFICATIONS

DISPLAY

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
 Annunciators: PSI, °F, °C, % user-selectable

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 M Ω , (>10 M Ω 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: ± 1 VDC
 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: -10 to 75 °C

POWER SUPPLY

5V powered: $+5$ VDC ($\pm 5\%$) 3 mA @ 5 V

MOUNTING

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

CONNECTION

13 pin male connection

ORDERING INFO

PART NUMBER

METER INPUT

DK801A	200mV
DK802A	2V
DK803A	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

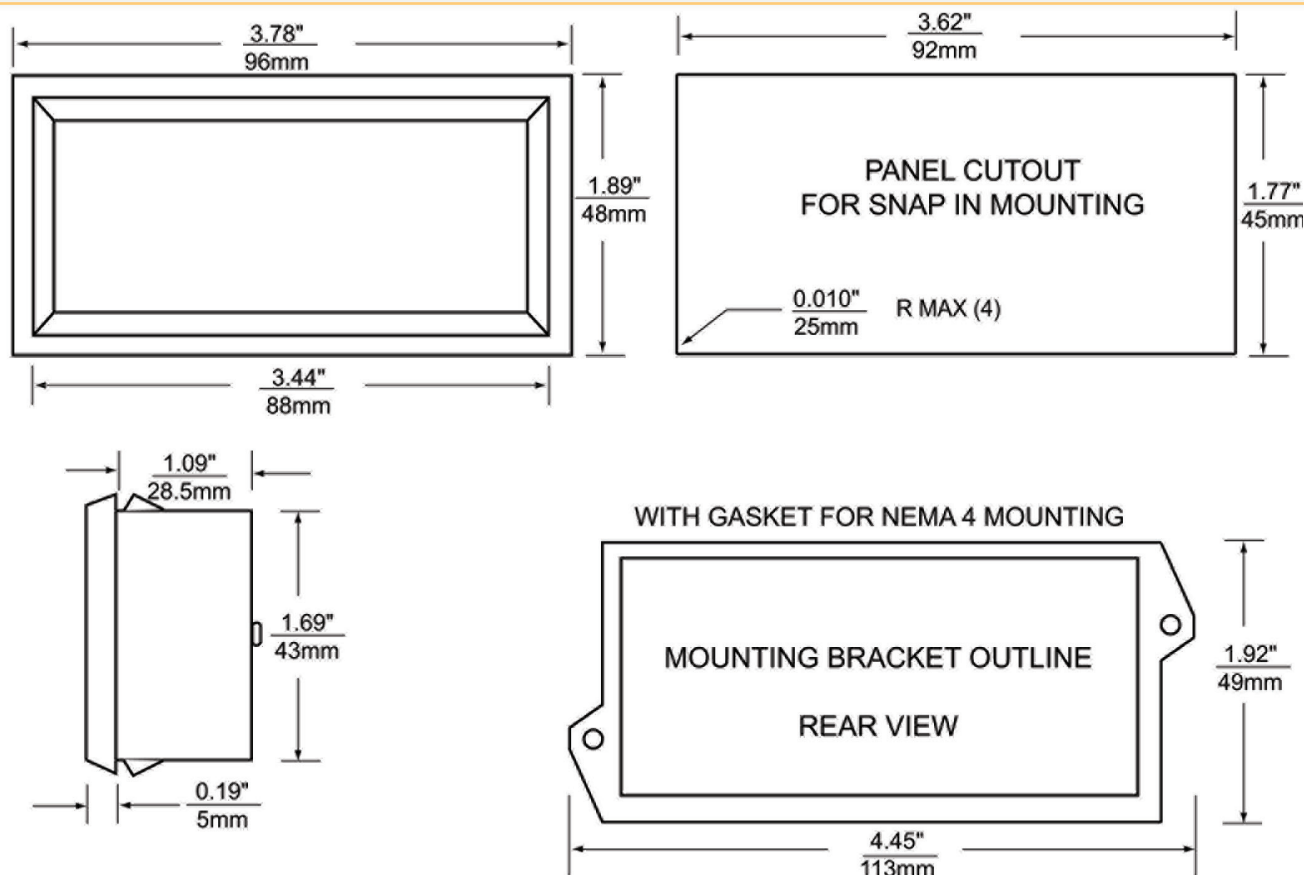
LCD Digital Panel Meters

Large 1" - 3½ Digit LCD Digital Panel Meter

DK800



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 | 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 | NO CONNECTION |
| 13 | NO CONNECTION |

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

