



FEATURES

- ▶ Large, 0.8", 3½ digit, GREEN or RED display for easy viewing
- ▶ Standard 1/8 DIN package
- ▶ User-selectable decimal points
- ▶ 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 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 V DC
 Common Mode Rej.: >86 dB
 Zero Adjustment: automatic
 Warmup: 10 minutes typical
 Temperature Coeff.: ± 100 ppm per $^{\circ}\text{C}$ typical

ENVIRONMENT

Operating Range: -10 to 50 $^{\circ}\text{C}$
 Storage Range: -40 to 75 $^{\circ}\text{C}$

POWER SUPPLY

$+5$ V DC ($\pm 5\%$) 180 mA @ 5 V

MOUNTING

(included)

snap-in panel mount or clamp and gasket

CONNECTION

13 pin male connection

ORDERING INFO

PART NUMBER	METER COLOR	METER INPUT
DK851A	RED	200mV
DK852A	RED	2V
DK853A	RED	20V
DK951A	GREEN	200mV
DK952A	GREEN	2V
DK953A	GREEN	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

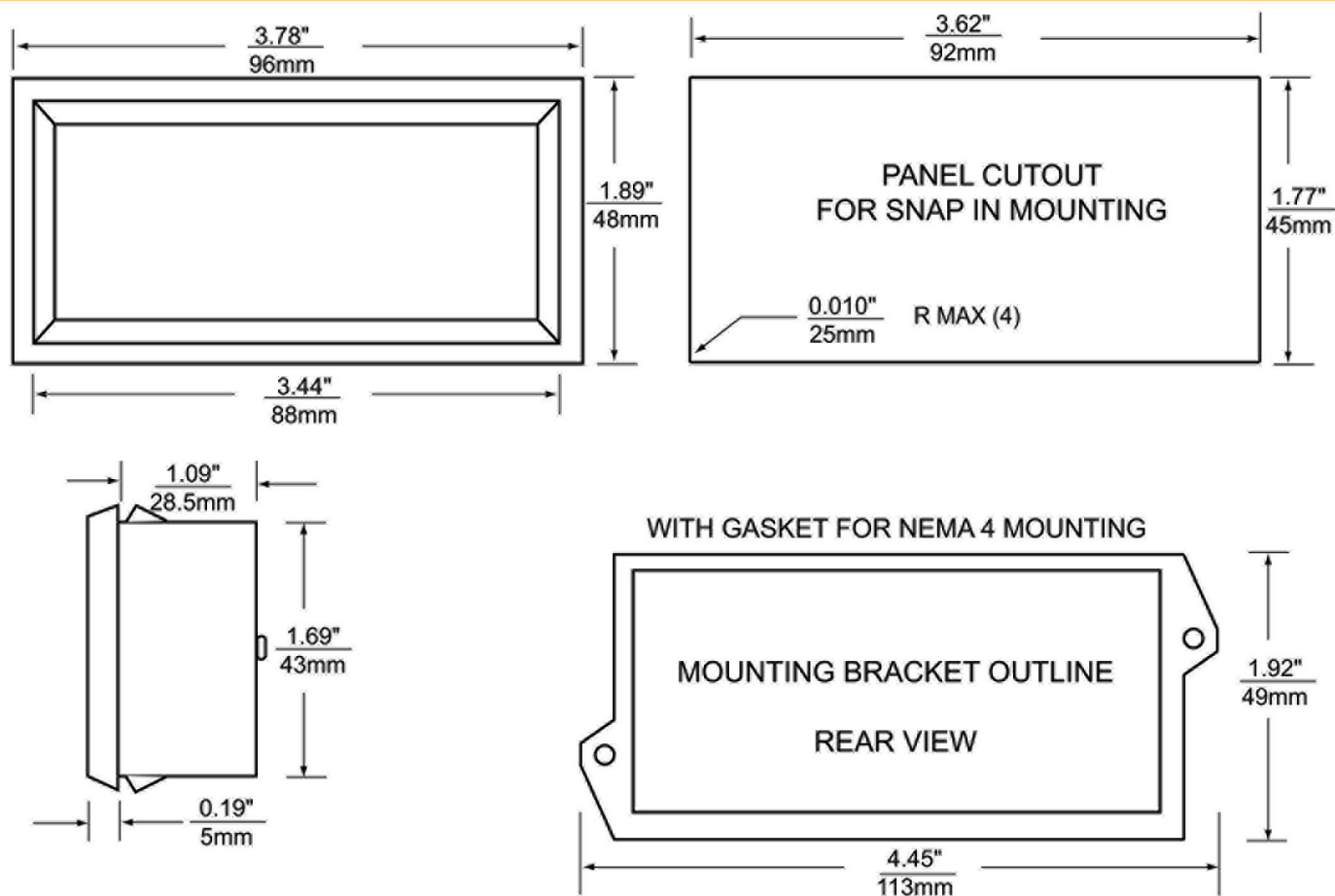
LED Digital Panel Meters

Large 3½ Digit LED Digital Panel Meter

DK800/900



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

1	+5V POWER SUPPLY
2	NEGATIVE SUPPLY
3	INHI
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