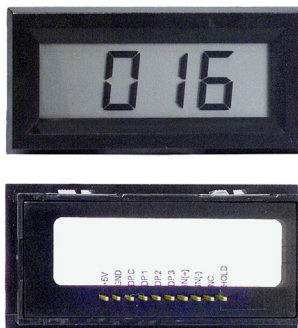




THE DATASHEET OF DK112





FEATURES

- ▶ Space saving design only 0.67" (17mm) deep
- ▶ Occupies less than 2.5 x 1.1 inches of front panel space
- ▶ High contrast LCD
- ▶ 3½ digits with 0.39" LCD
- ▶ Snap-In bezel eliminates the need for mounting hardware
- ▶ Low power requirement (3mA) is ideal for battery powered applications
- ▶ User-selectable decimal points

SPECIFICATIONS

DISPLAY

Digits: 3 ½ digits (± 1999 counts)
 Type: 0.39" (10mm) high contrast reflective 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

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: $\pm(0.1\% + 1 \text{ counts})$ typical
 $\pm(0.2\% + 2 \text{ counts})$ maximum
 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 $^{\circ}\text{C}$ typical

ENVIRONMENT

Operating Range: 0 to 50 $^{\circ}\text{C}$
 Storage Range: -10 to 70 $^{\circ}\text{C}$

POWER SUPPLY

Voltage: +5 VDC ($\pm 5\%$)
 Current: 3 mA

MOUNTING

snap-in bezel mount

CONNECTION

10 pins, 0.025" square on 0.1" centers

ORDERING INFO

PART NUMBER

METER INPUT

DK110	200mV
DK111	2V
DK112	20V

ACCESSORIES

C10-5	5" - 10 Pin Connector / Wire Assembly
J1C10	12" - 10 Pin Connector / Wire Assembly
PW2-5	Regulated 120V AC to 5V DC Power Supply
CVC	Calibrator

Specifications Installation and Operating Instructions

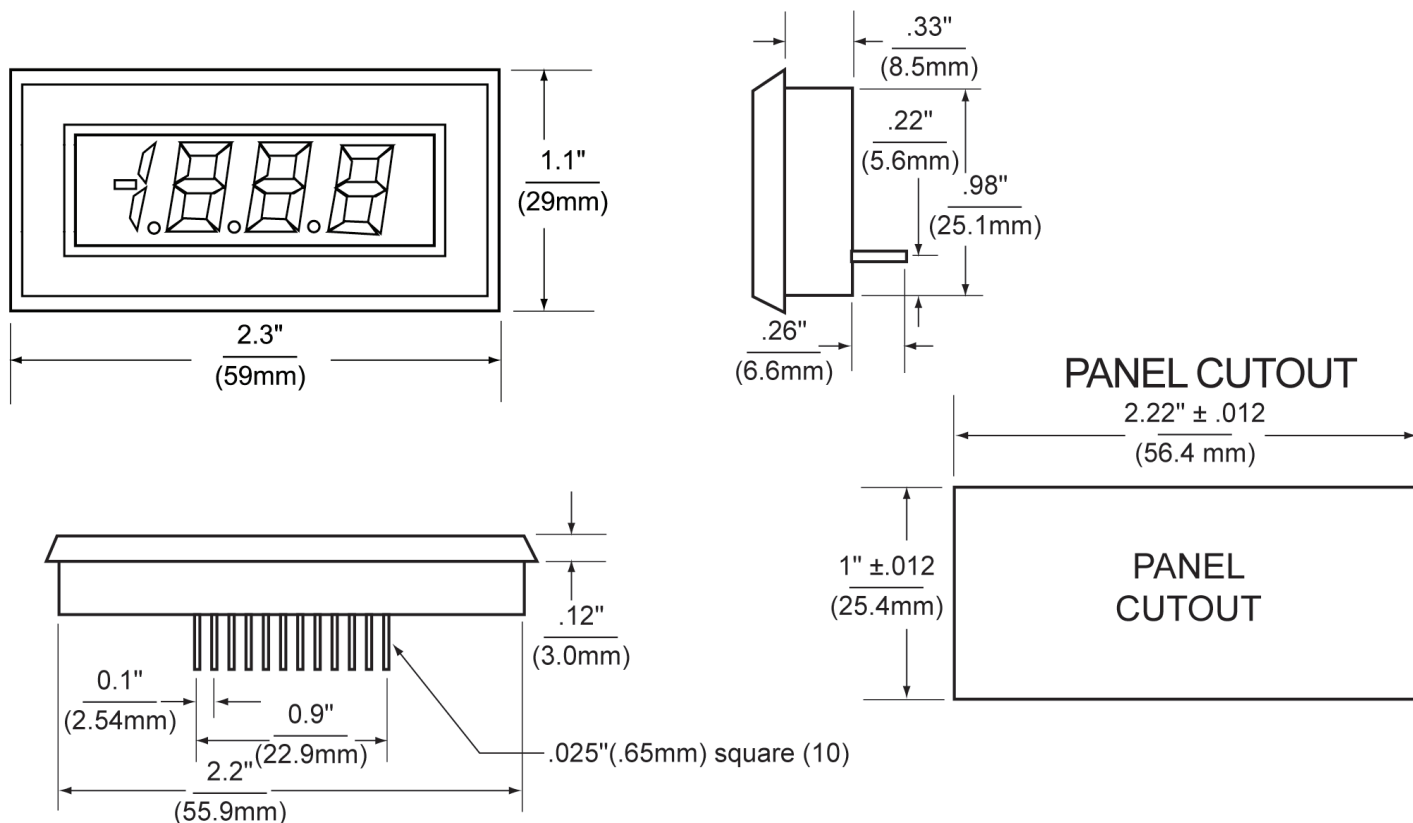
LCD Digital Panel Meters

3½ Digit LCD

DK110



DIMENSIONS



WIRING

PIN	DESCRIPTION
+5V	+5V DPM POWER SUPPLY
GND	DPM POWER SUPPLY GROUND
DP.C	DECIMAL POINT RETURN
DP.1	1XX.X
DP.2	1X.XX
DP.3	1.XXXX
IN (+)	POSITIVE INPUT SIGNAL
IN (-)	NEGATIVE INPUT SIGNAL
NC	NO CONNECTION REQUIRED
HOLD	HOLD LAST DISPLAY

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