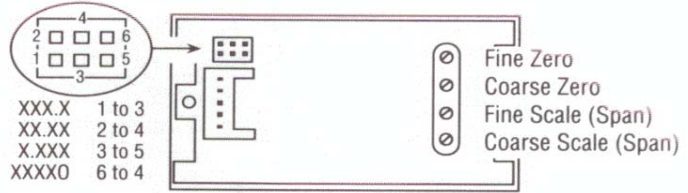


# MINIATURE LOOP POWERED INDICATOR



**MODEL 2724**



All CONNECTIONS AND ADJUSTMENTS ON THE REAR OF THE UNIT.

## FEATURES

- Wide span and offset adjust
- Power derived from process loop
- 3 1/2 digit .5" high contrast LCD display
- Dummy zero for 4 1/2 digit display
- Selectable decimal points
- Overrange and negative indication
- Wide Operating temperature range -4°F to +140°F (-20°C to +50°C)
- Sealed metal front bezel (NEMA4)

## Applications

The Model 2724 Loop-Powered Analog Indicator provides an accurate, easy-to-read digital display of analog current-loop signals. When used with a compatible transducer, it can display process variables such as:

- Temperature
- Pressure
- Flow rate
- Level of liquids or solids
- Speed
- Position

Operating power comes from the monitored loop, eliminating the need for batteries or external power connections.

## SPECIFICATIONS

**Signal Input:** 20mA

**Accuracy at 25°C:** ± .1 % of reading ± 1 count

**Input Power:** Power derived from process loop. Forward voltage drop is 3VDC maximum.

**Maximum Input Current:** 100mA

**Response Time:** 1.5 seconds for step change.

**Display:** .5" seven segment LCD - 1.9.9.90 (3 1/2 active digits plus one jumper selectable dummy right hand zero). The three decimal points are jumper selectable.

**Overrange Indication:** Overrange is indicated by a one in the most significant digit and the blanking of the three least significant digits.

**Reading Rate:** 2.51second

**Zero Adjust:** -500 to +1500 counts using coarse and fine adjustments potentiometers.

**Span Adjust:** 100 to 1999 counts using coarse and fine adjust potentiometers. Assuming 4mA is set to 000.

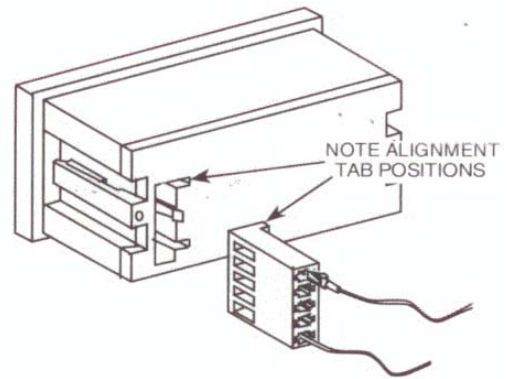
**Zero Tempco:** ±.005% of span/C typical  
±.015% of span/C max.

**Operating Temperature Range:** -4°F to 140°F (-20°C to +60°C)

**Construction:** Die cast metal bezel with black high Impact plastic insert. Front panel meets NEMA4 requirements when properly installed.

**Weight:** 5.5 oz.

**Case Size:** "E" refer to page 39. Model: 2724



## Hook Up

- 1 4-20mA Input
- 2 Not Used
- 3 Not Used
- 4 Not Used
- 5 4-20mA Output

I/O CONNECTOR

## WARNING

Do not over tighten side mounting screws. Torque values greater than 5 1/2 inch lbs may damage unit.

Design Concepts Inc., 886 N. Jan Mar Ct., Olathe Kansas 66061  
913-782-5672 Tel, 913-732-5766 Fax, [www.dcimeters.com](http://www.dcimeters.com)