

## Product Data

### I-LCD

Loop Powered  
Display

## Product Description

The I-LCD 4-20 mA is a low power, high accuracy, 3.5 digit LCD display module that is available in an attractive wall mount enclosure. The I-LCD 4-20 mA may be used with any 4 to 20 mA loop powered Temperature, Relative Humidity, and Differential Or Gage Pressure transmitter.

The display can be calibrated for any range between (-) 1999 and 1999, and has factory set descriptors which include C, F and a decimal point. Another notable feature of the I-LCD 4-20 mA is its wide operating temperature range of 0 to 70°C (32 to 158°F).

Both setpoint and override options are available upon request. A separate 2 pole terminal block will be included for Tenant override. The setpoint options include a 2-wire, linear 4 to 20 mA current output or a resistive setpoint using a 400 Ohm, 1K, 2K, 3K, 5K, 8.5K, 10K, 20K, or 100K Ohm slide potentiometer. An optional series resistor allows for any offset of the setpoint potentiometer. The setpoint labels available are Cool|Warm, 55 to 85, 10 to 30°C, and - to +.

All of the units come with a five year factory warranty.

## Product Specifications

<b>Input</b>	2-Wire, 4-20 mA current loop
<b>Maximum Voltage Drop</b>	+7 VDC for LCD Display
<b>Life Expectancy</b>	100,000 hours or 11.5 years
<b>Display Accuracy</b>	+/- 0.5% of span
<b>Transmitter Operating Range</b>	32 to 158°F (0 to 70°C)
<b>Enclosure Material</b>	Beige ABS plastic
<b>Adjustable Setpoint Output</b>	4 to 20mA or Resistive Output
<b>Setpoint Accuracy:</b>	
Resistive Output	+/- 10% of Resistive Range
4 to 20mA Output	+/- 1% of span w/24 VDC supply
<b>Setpoint Supply Voltage:</b> (4 to 20mA Output only)	+24VDC +/-10%

### LCD



#### Attributes:

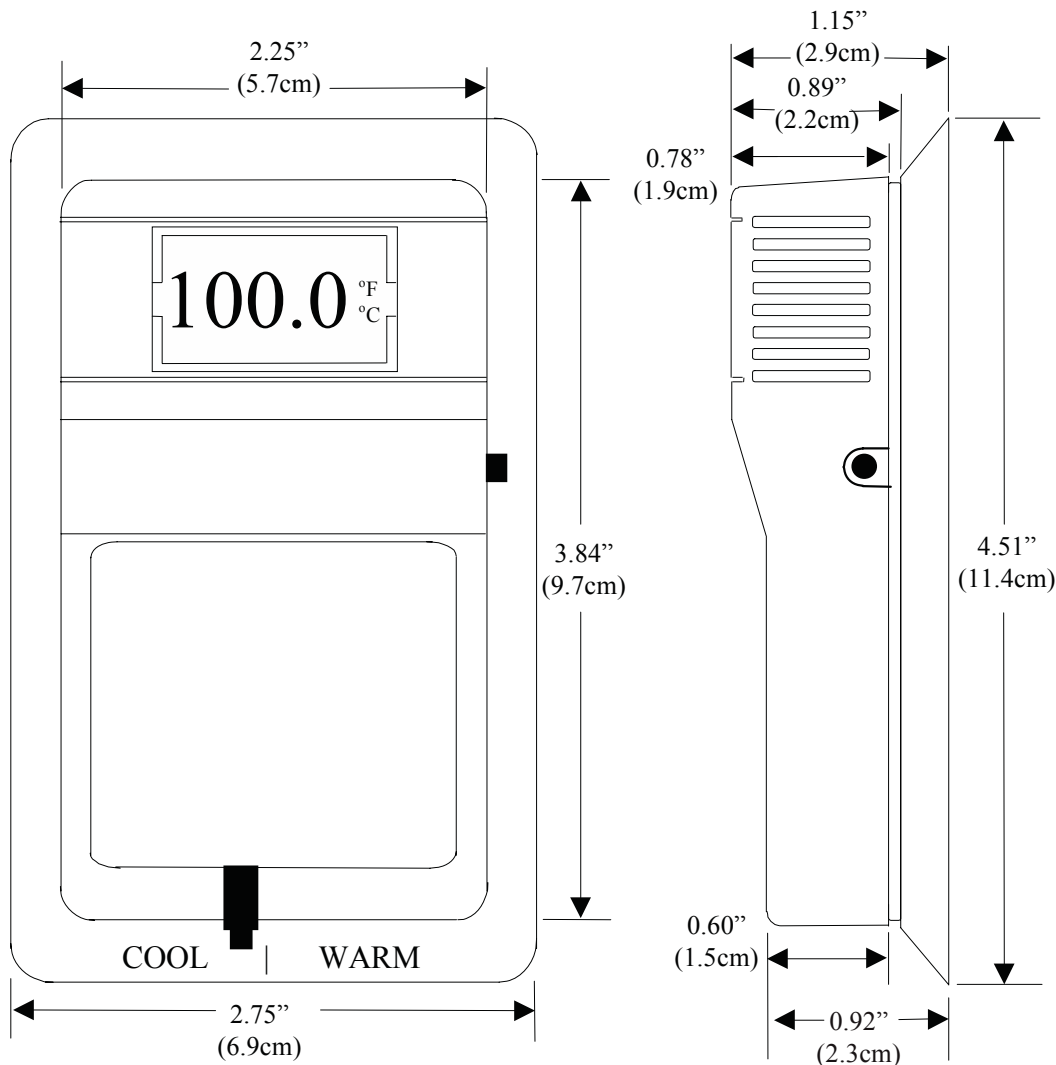
- Sleek looking enclosure
- Enclosure can accommodate additional options such as setpoint and override
- Loop powered

#### Applications:

- Remote monitoring of any 4 to 20 output device

## Dimensions

### Room



## Ordering Information

I-LCD-	Span [ ]	Configuration -[ ]	Setpoint -[ ]	Only if resistive Pot Action -[ ]	Only if resistive Pot Value -[ ]	Setpoint Indication -[ ]
	↑	↑	↑	↑	↑	↑
	Please Specify	R - Room RS - Room w/ Setpoint RO - Room w/ Override RSO - Room w/ Setpoint & Override	(3) Resistive (4) 4-20 mA	DA RA	400 Ohm 1K 2K 3K 5K 8.5K 10K 20K 100K	Cool   Warm 55 to 85 10 to 30°C - to +