

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

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

LCD



Attributes:

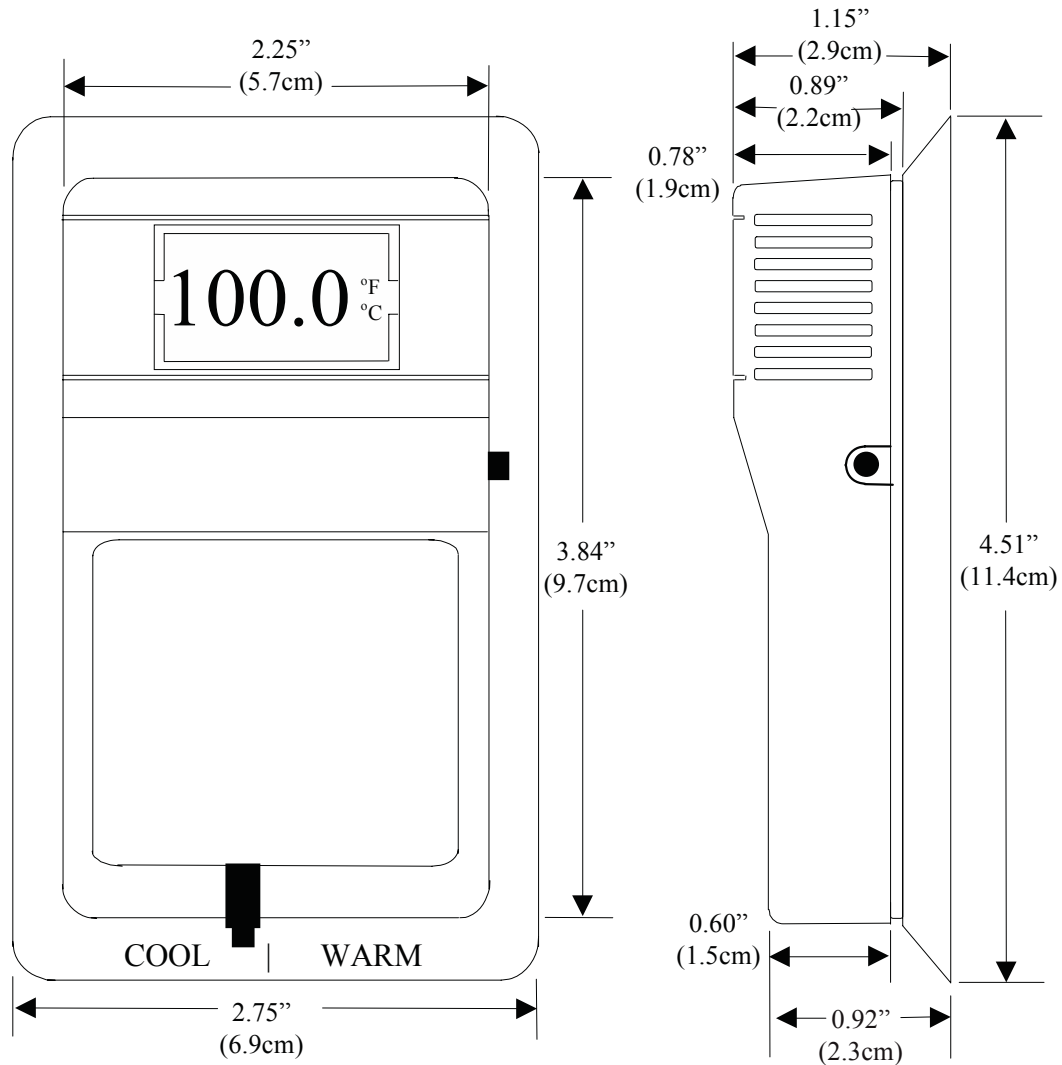
- Sleek looking enclosure
- Enclosure can accommodate additional options such as setpoint and override
- Loop powered

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 +