DataLoop™ LI25-2

Intrinsically Safe Level Indicator

FLOWLINE™
LEVEL BEST

Application

FM and CSA approved intrinsically safe, the loop powered level indicator displays engineering units connected in series with one 4-20 mA continuous level transmitter. Select the LI25-2001 level indicator for hazardous applications with an intrinsically safe sensor. For field mount installation, add a single or two indicator NEMA box.

Features

- Easy configuration via the push button display module
- LCD main display with secondary unit and bar graph display
- DIN enclosure with NEMA 4X faceplate and shallow case
- Linear, square root and programmable exponent functions
- Non-volatile memory with security password protection
- Windowed NEMA box accessory for field installations

Key Benefits

- Bright backlit display for easy night viewing
- Capable of displaying units in gallons, liters, inches, feet, meters or percent of liquid
- Recieves power and signal via the transmitters current loop with only a 2 VDC drop

Compatible Products

ECHOTOUCH®
Ultrasonic Level Transmitter

Intrinsically safe for use in hazardous locations, the ultrasonic transmitter provides continuous level measurement up to 18' (5.4m), and is configured via its integral push button display module. This non-contact liquid level sensor is ideally suited for corrosive, sticky or waste liquids, and is selected for bulk storage, day tank, skid or machine and process tank applications located within a classified area.
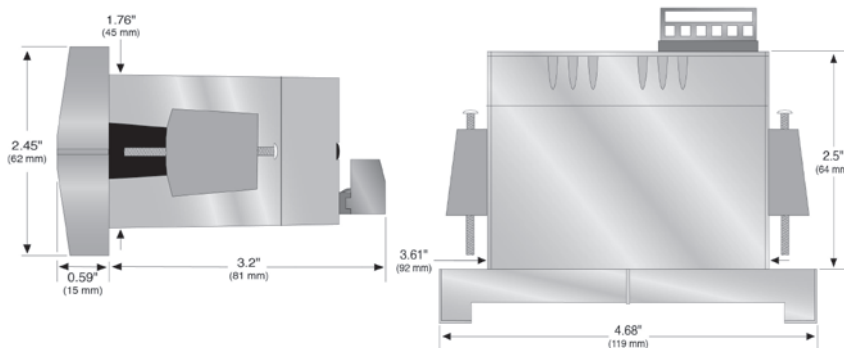
LU20

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Specifications

Display type:	LCD, 5-digit
Display units:	Engineering
Display output:	-9999 to 99999
Display height:	0.6" (15mm)
Decimal point:	Floating
Backlight:	LED, orange
Configuration:	Push button
Memory:	Non-volatile
Sensor input:	(1) 4-20 mA transmitter
Loop power:	12-30 VDC
Voltage drop:	2.0 VDC w/o backlight
	5.7 VDC w/ backlight
Process temp.:	F: -22° to 149°
	C: -30° to 65°
Ambient temp.:	F: -40° to 149°
	C: -40° to 65°
Enclosure type:	1/8 DIN, panel mount
Enclosure rating:	NEMA 4X (IP65) faceplate
Enclosure mat'l:	Polycarbonate
Classification:	Intrinsically safe
Compliance:	CE
Approvals:	FM, CSA:
	Class I, Div 1, 2, Groups A, B, C, D;
	Class II, Div 1, Groups E, F, G;
	Class II, Div 2, Groups G, G;
	Class III, Div 1;
	Class 1, Zone 0, Group IIC;
	T-code = T4

Dimensions

Accessories

Protect your field mounted display from the elements with the below recommended single or two indicator box. For reliable power, add a LC95 power supply.

P/N	DESCRIPTION
LM92-1002	Single indicator windowed, 1/8 DIN, PC
LM92-2002	Two indicator windowed, 1/8 DIN, PC
LC95-2001	100-240 VAC, 24 VDC @ 0.45A, 35mm rail

Ordering

LI25-2001 (1)

NOTES

1) For field mount installation in a NEMA 4X, polycarbonate windowed enclosure, order the single or two indicator box.