

Application



The general purpose loop powered level indicator displays engineering units connected in series with one 4-20 mA continuous level transmitter. 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

- ✓ Simple display makes configuration easy
- ✓ Capable of displaying units in gallons, liters, inches, feet, meters, and percent of liquid
- ✓ Display receives its power and signal input via the current loop used by the level transmitter with only a 2 VDC voltage drop when the backlight is not enabled.

Compatible Products

EchoSonic®
Ultrasonic Level
Transmitter



EchoPod®
Ultrasonic Level
Transmitter



EchoSpan®
Ultrasonic Level
Transmitter



EchoTouch®
Ultrasonic Level
Transmitter



FloaTek™
Float Level
Transmitter



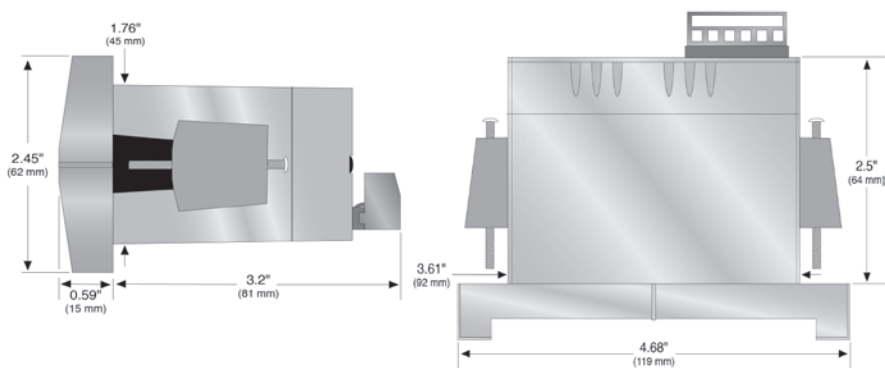
DeltaSpan™
Pressure Level
Transmitter



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:	General purpose
Compliance:	CE

Dimensions



Accessories

Protect your level indicator from the elements by using the below recommended single or two indicator NEMA box. Add an LC95 power supply for installation flexibility.



P/N	Description
LM91-1001	Single Indicator, Non-Windowed, 1/8 DIN, Polycarbonate
LM91-2001	Two Indicator, Non-Windowed, 1/8 DIN, Polycarbonate



LM92-1001	Single Indicator, Windowed, 1/8 DIN, Polycarbonate
LM93-1001	Two Indicator, Windowed, 1/8 DIN, Polycarbonate



LC95-1001	100-240 VAC, 24 VDC @ 0.45A, 35mm Rail
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Ordering

LI25-1001_{(1) (2)}

Notes

- 1) For field mount installation in a NEMA 4X polycarbonate box, order the LM91-1001 (single indicator, non-windowed) or LM91-2001 (two indicator, non-windowed); or LM92-1001 (single indicator, windowed) or LM93-1001 (two indicator, windowed) enclosure.
- 2) For battery powered level indication, order the LI25-1001-BO. Powered by two 9V batteries, the indicator comes pre-mounted in a LM92-1001 windowed NEMA box.