

Application



CSA approved explosion proof for hazardous environments, the loop powered level indicator displays engineering units connected in series with one 4-20 mA continuous level transmitter. Select this level indicator for hazardous applications with an explosion proof level sensor. The windowed field enclosure is wall mounted.



Features

- ✓ Aluminum XP windowed enclosure with dual conduit ports
- ✓ Easy configuration via the push button display module
- ✓ LCD display indicates engineering units and descriptors
- ✓ Non-volatile memory with security password protection
- ✓ Pie graph indicates the percentage of measured span

Key Benefits

- ✓ Simple loop powered display for use in classified (explosion proof) applications
- ✓ Add display to current loop in the classified area
- ✓ Displays in the following engineering units: inches, feet, meters, gallons, and liters of liquid
- ✓ Easy to configure and scale

Compatible Products

EchoSafe®

Ultrasonic Level Transmitter



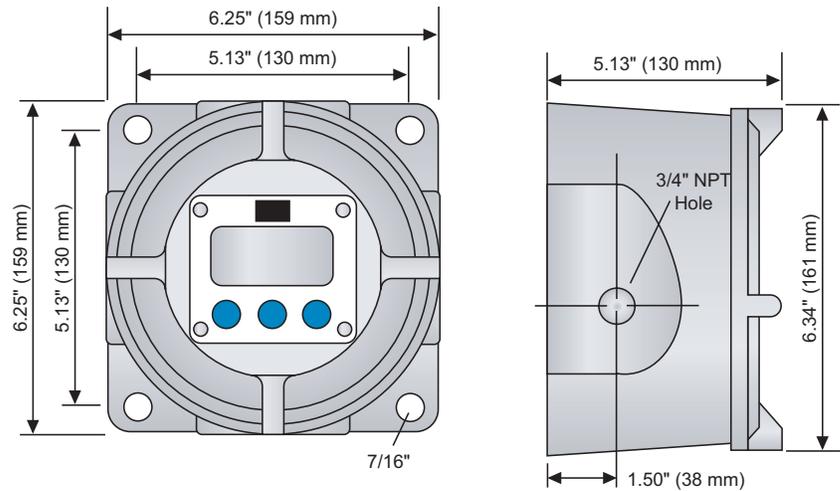
Application

FM approved for hazardous environments, the explosion proof ultrasonic level transmitter provides continuous level measurement up to 32.8' (10m) with a 4-20 mA signal output, and is configured via the integral push button display module. This non-contact liquid level sensor is ideally suited for corrosive, ultrapure, sticky or dirty liquids, and is widely selected for bulk storage, day tank, lift station and process tank level applications located in a classified area.

Specifications

- Display type: LCD, 5 1/2 digit
- Display units: Engineering
- Display output: 0.001 to 99,999
- Display height: Main: 1" (26mm)
Secondary: 0.3" (8mm)
- Decimal point: 0, 1, 2 or 3
- Configuration: Push button
- Memory: Non-volatile
- Sensor input: (1) 4-20 mA transmitter
- Loop power: 10-30 VDC
- Voltage drop: 2.6 VDC @ 20 mA
- Ambient temp.: F: -40° to 176°
C: -40° to 80°
- Enclosure rating: NEMA 4, 7 & 9 (IP66)
- Enclosure mat'l.: Aluminum
- Window mat'l.: Glass
- Conduit entrance: Dual, 3/4" NPT
- Classification: Explosion proof
- Compliance: CE, UL
- Approvals: CSA: Class I, Groups C, D;
Class II, Groups E, F, G;
Class III; T-code = T4

Dimensions



Accessories

For enhanced flexibility and performance, use the below recommended power supply.



P/N	Description
AC-DC Sensor & Indicator Power Supply	
LC95-1001	100-240 VAC, 24 VDC @ 0.60A, 35mm Rail

Ordering

300400 (1)

Notes

- 1) For explosion proof level measurement, package the level indicator with the EchoSafe transmitter.