

EchoTouch™ Two-Wire Ultrasonic Level Transmitter



LU20-50_1-IS Shown

Specifications

Range:	6" to 18' (15cm to 5.4m)
Accuracy:	± 0.25% of span
Display type:	LCD, 4-digit
Beam cone:	8° conical
Dead band:	6" (15cm)
Supply voltage:	12-32 VDC
Signal output:	4-20 mA, two-wire
Calibration:	Push button
Process temp:	F: -4° to 140° C: -20° to 60°
Pressure:	30 psi (2 bar)
Conduit:	1/2" NPT
Enclosure rating:	NEMA 4X (IP65)
Process mount:	2" NPT (2" G)
Trans. material:	PVDF
Classification:	Intrinsically Safe

Application

CSA approved intrinsically safe for use in general purpose or hazardous applications, the two-wire ultrasonic transmitter provides non-contact level measurement up to 18' or 5.4m, and is ideally suited for challenging corrosive, slurry or waste liquids. Push button calibrated, the transmitter is typically selected for atmospheric bulk storage, day tank and waste sump applications located within a classified area. Media examples include diesel fuel and sulfuric acid.

Features

Intrinsically safe transmitter for use in hazardous environments
LCD digital display indicates level in inches or centimeters
EasyCal simple push button calibration for all user set points
PP enclosure rated NEMA 4X with rugged PVDF transducer
Adjustable dead band and range filters eliminate false echo returns



Tech Tip

Complete your intrinsically safe level transmitter package with the LB10-1001 or equivalent intrinsic safety barrier.



Part Numbers

- LU20-5001-IS
- LU20-5061-IS

LU20-50 1-IS

Process mount (1) (2)
0 2" NPT (US)
6 2" G (Metric)

Ordering Notes

- 1) For installation on open tanks, order the LM50-1001 (2" NPT) or LM50-1061 (2" G) side mount bracket.
- 2) When used in hazardous environments, order the LB10-1001 intrinsic safety barrier.

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