

EchoTouch™ Three-Wire Ultrasonic Level Transmitter



Specifications

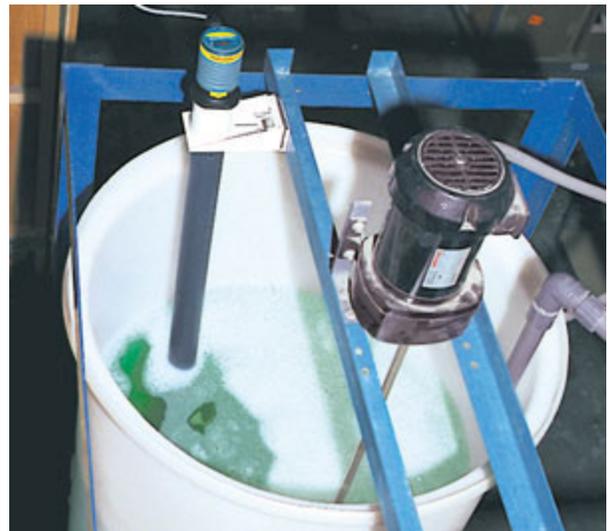
Range:	6" to 24.5' (15cm to 7.4m)
Accuracy:	± 0.25% of span
Display type:	LED, 4-digit
Beam cone:	8° conical
Dead band:	6" (15cm)
Supply voltage:	14-36 VDC
Signal output:	4-20 mA, three-wire
Calibration:	Push button
Process temp:	F: -4° to 140° C: -20° to 60°
Pressure:	30 psi (2 bar)
Conduit:	1/2" NPT
Enclosure rating:	NEMA 4X (IP65)
Process mount:	2" NPT (2" G)
Trans. material:	PVDF
Classification:	General purpose

Application

The general purpose three-wire ultrasonic transmitter provides non-contact level measurement up to 24' or 7.4m with an internal relay that can be configured as a single-point alarm or latched on two points for automatic fill or empty control. The transmitter is ideally suited for challenging corrosive or waste liquids and is typically selected for atmospheric bulk storage and waste sump applications. Media examples include wastewater and resin.

Features

Integral relay for alarm or automatic fill-empty control
LED 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



Tech Tip

For applications with surface foam, turbulence or limited measurement space, install the transmitter in a 2" stand-pipe.



- LU30-5003 LU30-5004
- LU30-5063 LU30-5064

LU30-50 

Process mount

0 NPT / ANSI (US)

6 G / DIN (Metric)

Signal output (1) (2)

3 4-20 mA, sourcing

4 4-20 mA, sinking

Ordering Notes

- 1) The sourcing transmitter provides internal excitation for use with sinking devices. The sinking transmitter requires external excitation for use with sourcing devices.
- 2) For three wire transmitter power, order the LC96-1001 (120 VAC) or LC96-1001 (240 VAC) power supply (24 VDC @ 0.6A).

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