

Application



Features

- Offered in 4 measurement ranges from 9.8' (3m) to 32.8' (10m)
- Configuration is simple via integral push button dis-1 play module
- LCD display indicates level in inches, centimeters and percentages
- Narrow 2" or 3" beam width for applications with 1 limited measurement space
- ~ Fail-safe intelligence and diagnostic feedback for simple troubleshooting
- PVDF transducer and NEMA 4X polycarbonate enclosure for corrosive liquids
- 1 Automatic temperature compensation for accurate measurement

The general purpose ultrasonic level transmitter provides continuous level measurement up to 32.8' (10m) with a 4-20 mA signal output, and is configured via its integral push button display module. This noncontact liquid level sensor is ideally suited for corrosive, ultrapure, sticky or dirty liquids, and is broadly selected for bulk storage, day tank, lift station and process tank level applications.



Success



North American thermoelectric power plants use 225M gallons of water per day in their steam turbines and cooling towers. Most US plants are located in

the Coastal and upper Mid West states with easy access to abundant ocean or lake resources. These facilities have lots of sumps that collect and pump transfer water into treatment for reuse or release to the environment. But sumps capture much more than water including grease, oil, chemical and trash, that coats everything in the pit. Here, an EchoSpan ultrasonic level transmitter is installed over the sump man-way. The patented digital signal processing technology features an industry leading 3" beam width that enables installation in close proximity to the ladder and side wall.

Compatible Products

DataLoop™ Level Indicator

DataView[™] Level Controller

Commander[™] Multi-Tank Level Controller



DataPoint™ Level Controller



888-773-2832

LI25

Spec Tech Industrial Electric



L190

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www.spectechind.com

Spec Tech Industrial Electric www.spectechind.com EchoSpan® LU80/81/83/84 Ultrasonic Level Transmitter



LU81/83/84 Side View

5.2" (133 mm)

2" NPT

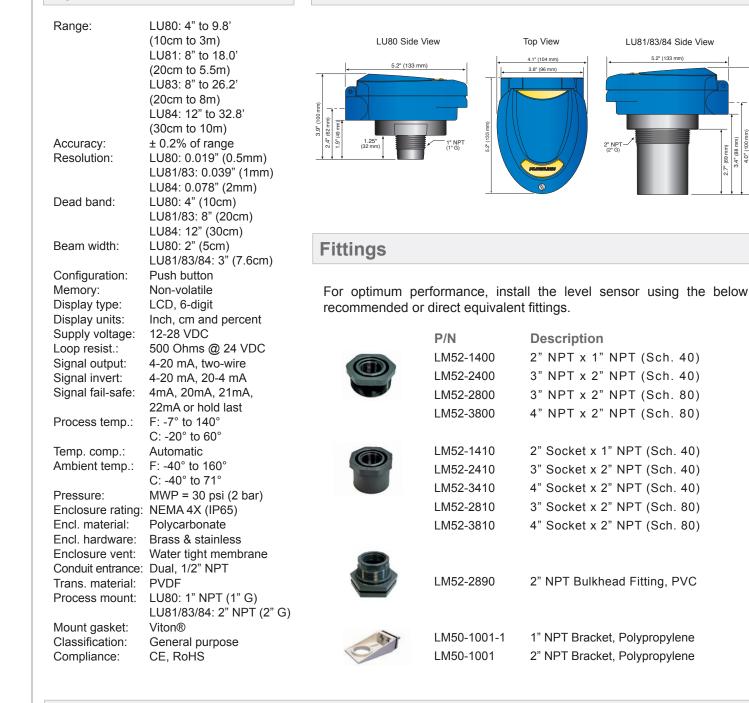
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(mm 69) 3.4" (88 r

Specifications

Dimensions



Ordering

0

1

3

4

0 6

Sensor range

3m (9.8')

8m (26.2')

10m (32.8') Process mount (1) NPT (US)

G (Metric)

5.5m (18.0')

LU8 -51 **Notes**

1) Install the level sensor using Flowline installation fittings or equivalents.

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