

DeltaSpan™ Two-Wire Pressure Level Transmitter

Application

The general purpose two-wire pressure transmitter provides contact level measurement up to 30 psi or 2.0 bar and is ideally suited for relatively clean water, light oil or diluted corrosive liquids. The transmitter is typically selected for underground bulk storage, wet well, open channel or pond applications. Media examples include irrigation water and motor oil.

Features

- Rugged stainless steel transducer with flexible polyurethane cable
- Optional weight anchors sensor in turbulent or fast moving liquids
- Removable guard protects sensor from damage and process debris
- Optional installation kit for easy wiring termination and process mount

Tech Tip

For integral wiring termination and process mount, order the LD90 installation kit for use with your transmitter. Each kit includes a compact junction box, PP plug fitting and nylon cable connector. Its installation made simple.



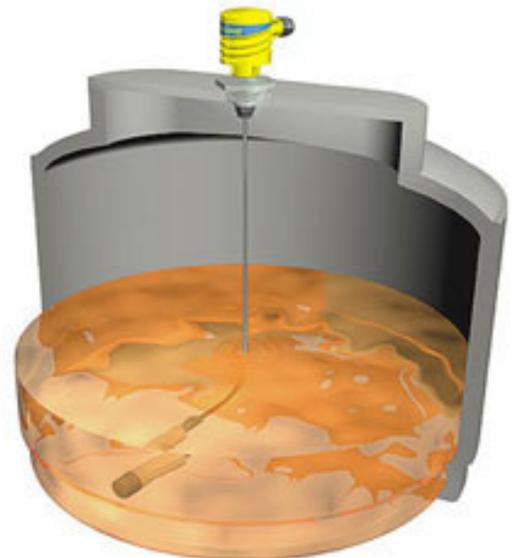
LD1_-S041
Shown

Specifications

Range:	LD10: 7.5 psi (0.5 bar) LD11: 15 psi (1 bar) LD12: 30 psi (2 bar)
Accuracy:	± 0.25% of span
Supply voltage:	7 to 35 VDC
Signal output:	4-20 mA, two-wire
Calibration:	None, fixed span
Process temp:	F: -5° to 125° C: -20° to 50°
Burst pressure:	> 35 x full span
Enclosure rating:	NEMA 6 (IP68)
Trans. material:	316 ss & 17-4 PH ss
Cable material:	Polyurethane
Classification	General purpose



LD90-1001
Shown



Part Numbers

- LD01 -SO41
- LD11 -SO41

- LD21 -SO41

LD1  -S041

Sensor range (1) (2) (3)

- 0 0 to 7.5 psi (0 to 0.5 bar)
- 1 0 to 15 psi (0 to 1 bar)
- 2 0 to 30 psi (0 to 2 bar)

Ordering Notes

- 1) The maximum sensor range in tank height for each type is as follows:
LD10: 0 to 17' (0 to 5.1m)
LD11: 0 to 35' (0 to 10.6m)
LD12: 0 to 48' (0 to 14.6m)
- 2) For integral conduit termination and process mount (PP), order the LD90-1001 (2" NPT) or LD90-1061 (1 1/2" G) installation kit.
- 3) To weight the sensor for use in extremely turbulent applications, order the LD10-NOSE nose cone weight.

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