

**Application**



**LD30-S001**



**LD30-S011**

The general purpose LD30 external mount pressure level transmitter is offered in two styles of termination and provides continuous level measurement up to 69' (21m) of water column with a 4-20 mA signal output. Select the -S\_01 level sensor for cable termination or the -S\_11 level sensor for conduit termination with an integral junction box. This liquid or air level sensor is well suited for clean liquid or gas media. Applications include cutting oil and air.



**Features**

- ✓ Corrosion resistant 316 SS transducer with threaded mount
- ✓ Available with polyurethane cable or junction box termination
- ✓ Automatic temperature compensation for accurate measurement

**Key Benefits**

- ✓ Simple 1/4" process mount installation
- ✓ Ideal for applications with limited space
- ✓ Connects directly to PLC/SCADA or display
- ✓ Fixed span does not require any calibration

**Compatible Products**

**DataLoop™**  
Level Indicator



**LI25**

**DataView™**  
Level Controller



**LI55**

**Commander™**  
Multi-Tank Level Controller



**LI90**

**DataPoint™**  
Level Controller

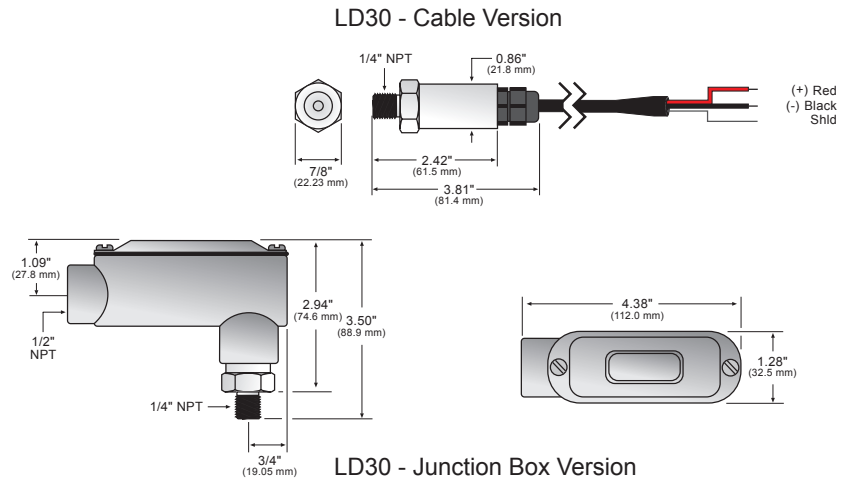


**LC52**

## Specifications

- Range: -S0X1: 0 to 5 psi (0.34 bar),  
0 to 11' (0 to 3.4m) wc  
-S2X1: 0 to 15 psi (1 bar),  
0 to 34' (0 to 10.4m) wc  
-S4X1: 0 to 30 psi (2 bar),  
0 to 69' (0 to 21.1m) wc
- Accuracy: ± 0.25% of full scale
- Configuration: None, fixed span
- Supply voltage: 13-30 VDC
- Loop resist.: 1300 Ohms max @ 30 VDC
- Signal output: 4-20 mA, two-wire
- Process temp.: F: 0° to 200°  
C: -18° to 93°
- Temp. comp.: F: 0° to 175°  
C: -18 to 79°
- Proof pressure: 2 x full span
- Response time: 50ms
- Weight: 10 oz (283 g)
- Enclosure rating: NEMA 4X (IP65)
- Enclosure mat.: 316 SS
- Termination: -SX01: Cable  
-SX11: Junction box  
with 1/2" NPT conduit
- Cable type: -SX01: 2-cond., shielded
- Cable length: -SX01: 9' (2.7m)
- Cable material: -SX01: Polyurethane
- Process mount: 1/4" NPT
- Sensor material: 316 SS
- Classification: General purpose
- Compliance: CE

## Dimensions



## Accessories

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



P/N	Description
LC95-2001	AC-DC Sensor & Indicator Power Supply 100-240 VAC, 24 VDC @ 0.60A, 35mm Rail

## Ordering

LD30-S   1

**Sensor range**

- 0 5 psi (0.34 bar) / 11' (3.4m) wc
- 2 15 psi (1.0 bar) / 34' (10.4m) wc
- 4 30 psi (2.0 bar) / 69' (21.1m) wc

**Termination (1)**

- 0 Cable
- 1 Junction box

### Notes

- 1) For level sensor power, order the LC95-2001 AC-DC power supply.