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

Ordering

LD30-S  [ ] [ ]

- 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

Accessories

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

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
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<tbody>
<tr>
<td>LC95-2001</td>
<td>100-240 VAC, 24 VDC @ 0.60A, 35mm Rail</td>
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</tbody>
</table>

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