



LTH

Hydrostatic Level Transmitter

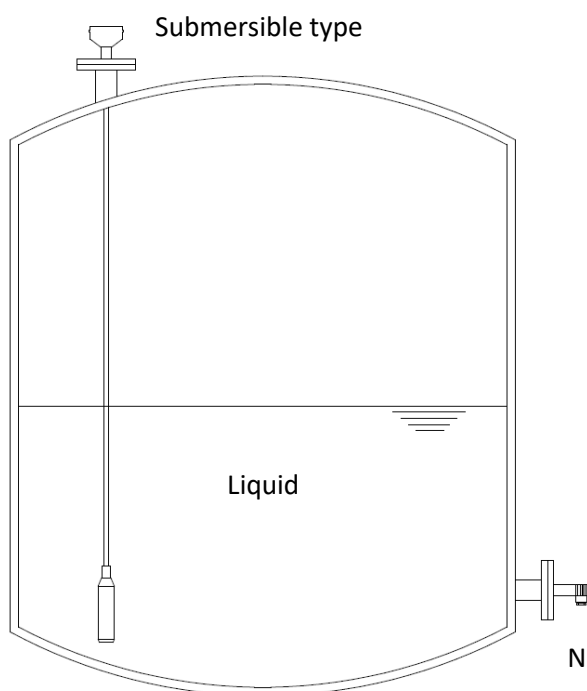
LTH is based on Piezo Resistive Technology, it senses Pressure of liquid at bottom of the tank & provide linear output (4-20 mA). Pressure is directly proportional to height of liquid with known density. It is available with mainly two variant i.e. Submersible type & Non Submersible type. Submersible type is top mounted on tank and probe is submerged in liquid. It is provided with a specially designed cable fitted with vent tube for atmospheric compensation. Non submersible type is side mounted to tank.

Features:

- Cost effective with no moving parts.
- Easy to install & Handle
- High precision & stability
- Compact, rugged & corrosion resistant

Application:

- Utilities
- Ground Water Level Measurement.
- Level Monitoring in Tanks, Sumps, Reservoirs & Dam
- Water Treatment Plants, Diesel Storage Tanks



Specification:

Enclosure	: W/P IP65 / Ex. Proof Gr IIA IIB / IIC
Process connection	: Flanged / Threaded.
Sensor probe MOC	: SS316
Probe Protection	: IP68
Cable	: PVC
Conduit Connection	: 1/2" BSP / 1/2" NPT - DCCG
Output	: 4-20 mA
Accuracy	: 0.5 % of full scale.
Range (Probe length)	: 0.5 To 200 Meter (m WC)
Power supply	: 24 VDC.
Permissible Load	: 500Ω
Max. Operating temperature	: 70 °C.

Model code (Example)

How to order

LTH

Enclosure

W

W: W/P IP65 **E:** Ex. Proof Gr. IIA IIB **X:** Ex. Proof Gr. IIC **O:** Without

Type

S

S: Submersible **N:** Non submersible

Process connection: Select XYZ form Table mentioned below.

SDR

For other connection please mention in Bracket (e.g. write "[20 NB PN10]")

X	Y	SIZE
S	D	PCD:92mm
X	5	1/2"
X	7	3/4"
A	0	1"
A	5	1 1/2"
B	0	2"
C	0	3"
D	0	4"

Z	CONNECTION
1	BSP(M)
3	NPT(M)
R	Round Flange
S	Square Flange
A	150#
B	300#

Table for Connection Size & Type.

Mention W/O if there is no process connection.

Process connection MOC

S

S: SS 304 **X:** SS 316 **M:** MS **O:** without

Range / Probe length

XXX

0.5 to 200 Meters (Specify in mWC)

Option: Select multiple option e.g. "**M / S**"

M: Matching Flange

S: SS Tag Plate

T: Material Test Certificates

Model code Example. LTH-W-S-SDR-S-10-M/S

Note:

- Model code mentioned in Example is our standard specification.
- For any other custom requirement please mention in bracket "[]".