



LTMR

Magnetic Reed Type level Transmitter

LTMR consists of nonmagnetic sealed stem containing series of reed switches and resistors, float carrying magnet and enclosure containing electronics. As the float travels through the Indicating distance, the magnet located within it tap off The reed switches there by varying the resistance fed to the electronics (as shown in figure below), which in turn converts the change in resistance to industry standard analog output.

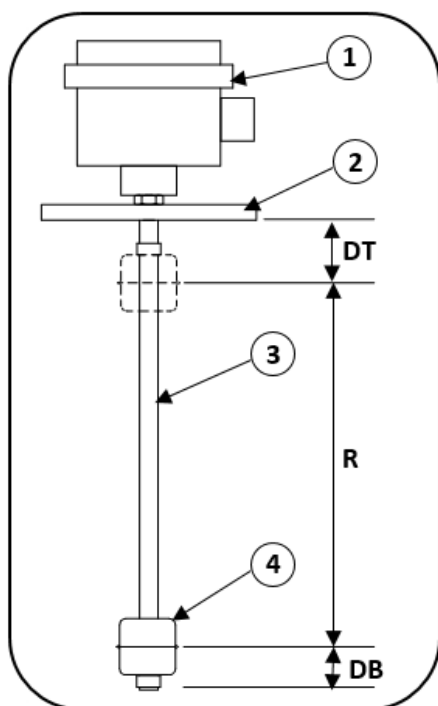
Features:

- Pre calibrated at factory-No Field Calibration required.
- Sturdy and versatile
- Easy installation
- Length up to 5 meters.

Application:

- Utilities
- Beverage Industry
- Medical
- Pharmaceuticals
- Food Processing

Specification:



Enclosure	: W/P IP65 / Ex. Proof Gr IIA IIB / IIC
MOC of wetted parts	: SS304 / SS316 / SS316L / Polypropylene
Process connection	: Flanged / Threaded.
Conduit Connection	: 1/2" BSP / 1/2" NPT - DCCG
Output	: 4-20 mA-2 wire / 1-5 VDC-3 wire.
Resolution	: 5 mm / 10 mm
Accuracy	: ± 3 mm
Range (Probe length)	: 300-5000mm.
Power supply	: 24 VDC.
Max. Operating temperature	: 120 °C.
Max. Pressure	: 10 Kg/cm2.
Min. Specific Gravity	: 0.7

1. Enclosure
 2. Process Connection
 3. Stem
 4. Float
- R. Range
DT. Top Dead Band
DB. Bottom Dead Band

Model code (Example)

How to order

LTMR

Enclosure

W

W: W/P IP65 **E:** Ex. Proof Gr. IIA IIB **X:** Ex. Proof Gr. IIC

MOC of wetted parts

X

S: SS 304 **X:** SS 316 **L:** SS316L **P:** Polypropylene **O:** other

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
B	0	2"
C	0	3"
D	0	4"

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

Table for Connection Size & Type.

Output

A

A: 4-20ma-2 wire **V:** 1-5 VDC-3 wire

Resolution

B

A: 5mm **B:** 10 mm

Display

N

N: None **D:** With display

Conduit Connection:

B

B: ½" BSP-Conduit plug **S:** ½" NPT SCCG **D:** ½"NPT DCCG **O:** other

Range (Probe length)

XXX

Specify in mm (e.g. write 500 for 500mm Range)

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

M: Matching Flange

S: SS Tag Plate

T: Material Test Certificates

Model code Example. LTMR-W-X-SDR-A-B-N-B-XXX.

Note:

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