



LSMT

Magnetic Top mounted level switch

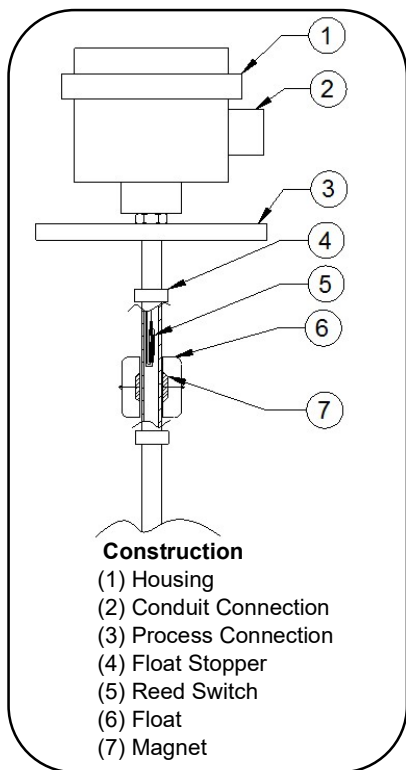
LSMT- magnetic top mounted level switch is an established and reliable technique in industry for single or multiple liquid level sensing and control in open or pressurized vessels. It offers trouble free service in conductive and non-conductive liquids under widely varying temperatures, Pressures, Liquid viscosity and corrosive conditions

Features:

- Sturdy and versatile
- Easy installation
- Rugged construction
- Multi-application

Application:

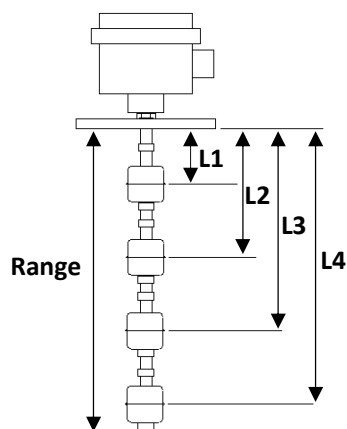
- Oil reservoir
- Coolant tank
- Sterilizing equipment
- Chemical processing system
- Pump control



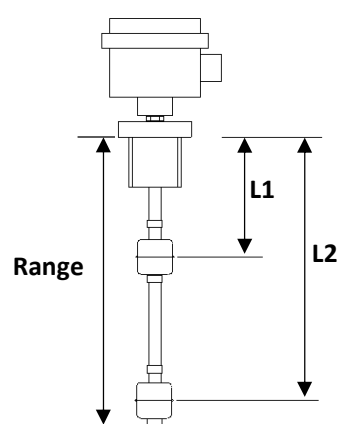
Specification:

Enclosure	: W/P IP65 / Ex. Proof Gr IIA IIB / IIC / Din connector
MOC of wetted parts	: SS304 / SS316 / SS316L / Polypropylene
Process connection	: Flanged / Threaded.
Conduit Connection	: 1/2" BSP / 1/2" NPT - DCCG
Reed Switch	: SPST / SPDT.
Switching Differential	: ± 5 mm
Range (Probe length)	: 200-5000mm.
No. of set point	: L1 / L2 / L3 / L4 / L5
Switch Rating	: 0.5 A / 250 VAC.
Load	: Resistive / Inductive
Insulation	: 100 Mega Ohms @ 500 VDC
Max. Operating temperature	: 100 °C.
Max. Pressure	: 10 Kg/cm ² .
Min. Specific Gravity	: 0.7

Flange Connection

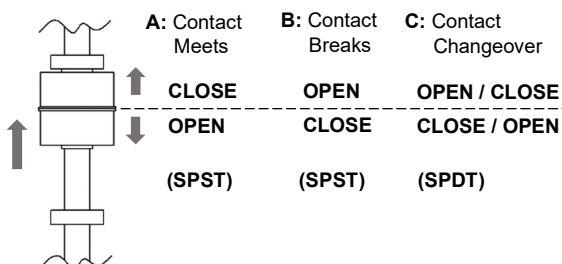


Threaded Connection

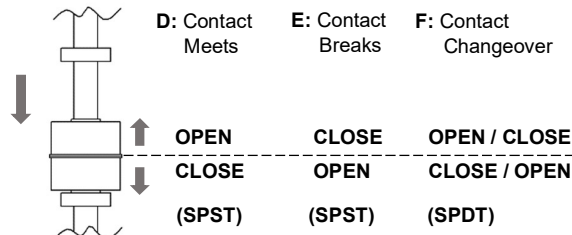


Switch Action

When liquid level reaches at setpoint while going **UP**,



When liquid level reaches at setpoint while going **Down**,



Model code (Example)

How to order

LSMT

Enclosure

W

W: W/P IP65

E: Ex. Proof Gr. IIA IIB

X: Ex. Proof Gr. IIC

D: Din connector (Max. four wire connection)

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	Z	CONNECTION
S	D	PCD:92mm	1	BSP(M)
A	0	1"	3	NPT(M)
A	5	1 1/2"	R	Round Flange
B	0	2"	S	Square Flange
C	0	3"	A	150#
D	0	4"	B	300#

Table for Connection Size & Type.

Conduit Connection:

B

B: 1/2" BSP-Conduit plug

S: 1/2" NPTSCCG

D: 1/2"NPT DCCG

O: other

Range (Probe length)

XXX

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

No. of float:

1

1: One

2: Two

3: Three

4: Four

Set Point & Switch Action: (Specify in mm, Refer image)

L1=XXA / L2=XXD

L1: XX L2: XX L3: XX L4: XX (e.g. "L1=200A / L2=400D")

- (A) When liquid level reaches at setpoint while going Up, Contact Meets. (SPST)
- (B) When liquid level reaches at setpoint while going Up, Contact Breaks. (SPST)
- (C) When liquid level reaches at setpoint while going Up, Contact Changeover. (SPDT)
- (D) When liquid level reaches at setpoint while going Down, Contact Meets. (SPST)
- (E) When liquid level reaches at setpoint while going Down, Contact Breaks. (SPST)
- (F) When liquid level reaches at setpoint while going Down, Contact Changeover. (SPDT)

Note: For Application with latch controller Select Switch action "A" for High & "D" for Low.

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

M: Matching Flange **S:** SS Tag Plate **T:** Material Test Certificates

Model code Example. LSMT-W-X-SDR-D-B-XXX-2-L1=XXNO / L2=XXNC.

Note:

- Set point measurement must be from top only.
- Model code mentioned in Example is our standard specification.
- For any other custom requirement please mention in bracket "[]".