

LSMS

Level Switch magnetic –side mounted



LSMS switch is Compact & rugged construction consisting of a free moving float and a switch assembly in non – magnetic material to catch maximum magnetic flux. It includes dual magnets, one carried by the float arm and other Assembled in the switch enclosure. A change in liquid level brings the like poles of dual magnets opposite to each other and resulting repulsion force which gives a changeover contacts with snap action.

Features:

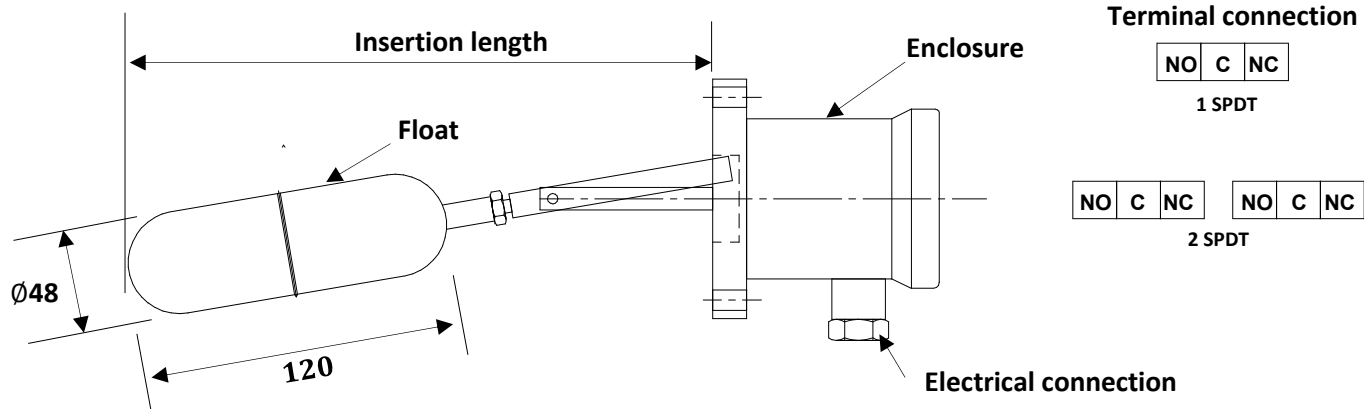
- Sturdy and versatile
- Easy installation
- Rugged construction
- Multi-application

Application:

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

Specification:

Type	: Standard/ High temperature /Adjustable differential
Enclosure	: W/P IP65 / Ex. Proof Gr IIA IIB / IIC
MOC of wetted parts	: SS304 / SS316 / SS316L / PTFE coating
Process connection	: Flanged / Threaded.
Conduit Connection	: 1/2" BSP / ½" NPT - DCCG
Switch	: 1 SPDT / 2 SPDT.
Switching Differential	: 15 ± 5 mm (fixed)
	: 40 to 300 mm (Adjustable)
	(Depends on insertion length)
Insertion length	: 215mm / 350mm / other
Switch Rating	: 5 A / 250 VAC.
Load	: Resistive / Inductive
Insulation	: 100 Mega Ohms @ 500 VDC
Max. Operating temperature	: 180 °C.
Max. Pressure	: 20 Kg/cm2 @ ambient Temperature



Model code (Example)

How to order

LSMS

Type					S																																			
S: Standard	T: High temperature	D: Adjustable Differential																																						
Enclosure					W																																			
W: W/P IP65	E: Ex. Proof Gr. IIA IIB	X: Ex. Proof Gr. IIC																																						
Insertion length					215																																			
215 (min. for type A & T)	350 (min. for type D)	XXX (mentioned other)																																						
MOC of wetted parts					X																																			
S: SS 304	X: SS 316	L: SS316L	F: PTFE lining	O: other																																				
Process connection: Select XYZ form Table mentioned below.					SDR																																			
For other connection please mention in Bracket (e.g. write "[20 NB PN10]")																																								
<table><tr><th>X</th><th>Y</th><th>SIZE</th></tr><tr><td>S</td><td>D</td><td>PCD:92mm</td></tr><tr><td>A</td><td>0</td><td>1"</td></tr><tr><td>A</td><td>5</td><td>1 1/2"</td></tr><tr><td>B</td><td>0</td><td>2"</td></tr><tr><td>C</td><td>0</td><td>3"</td></tr><tr><td>D</td><td>0</td><td>4"</td></tr></table>	X	Y	SIZE	S	D	PCD:92mm	A	0	1"	A	5	1 1/2"	B	0	2"	C	0	3"	D	0	4"	<table><tr><th>Z</th><th>CONNECTION</th></tr><tr><td>1</td><td>BSP(M)</td></tr><tr><td>3</td><td>NPT(M)</td></tr><tr><td>R</td><td>Round Flange</td></tr><tr><td>S</td><td>Square Flange</td></tr><tr><td>A</td><td>150#</td></tr><tr><td>B</td><td>300#</td></tr></table>	Z	CONNECTION	1	BSP(M)	3	NPT(M)	R	Round Flange	S	Square Flange	A	150#	B	300#	Table for Connection Size & Type.			
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Conduit Connection:					B																																			
B: ½" BSP-Conduit plug		S: ½" NPT SCCG	D: ½"NPT DCCG	O: other																																				
Option: Select multiple option e.g. "M / S"																																								
M: Matching Flange		S: SS Tag Plate		T: Material Test Certificates																																				

Model code Example. LSMS-S-W-215-X-SDR-1-B.

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 "[]".

Design & Specifications subject to change without Notice