

LT - Level Switch Top Mounted

LT Series Top Mounted Level Switches have been designed for measurement of the level of liquids. The compact design helps in easy installation and commissioning. The die cast enclosure is Ingress protected to IP67. These switches can be deployed in most process media.

Features

- Ingress protected to IP67
- Rigid and easy installation
- Point level switching (High/Low)
- Adjustable differential version available

Applications

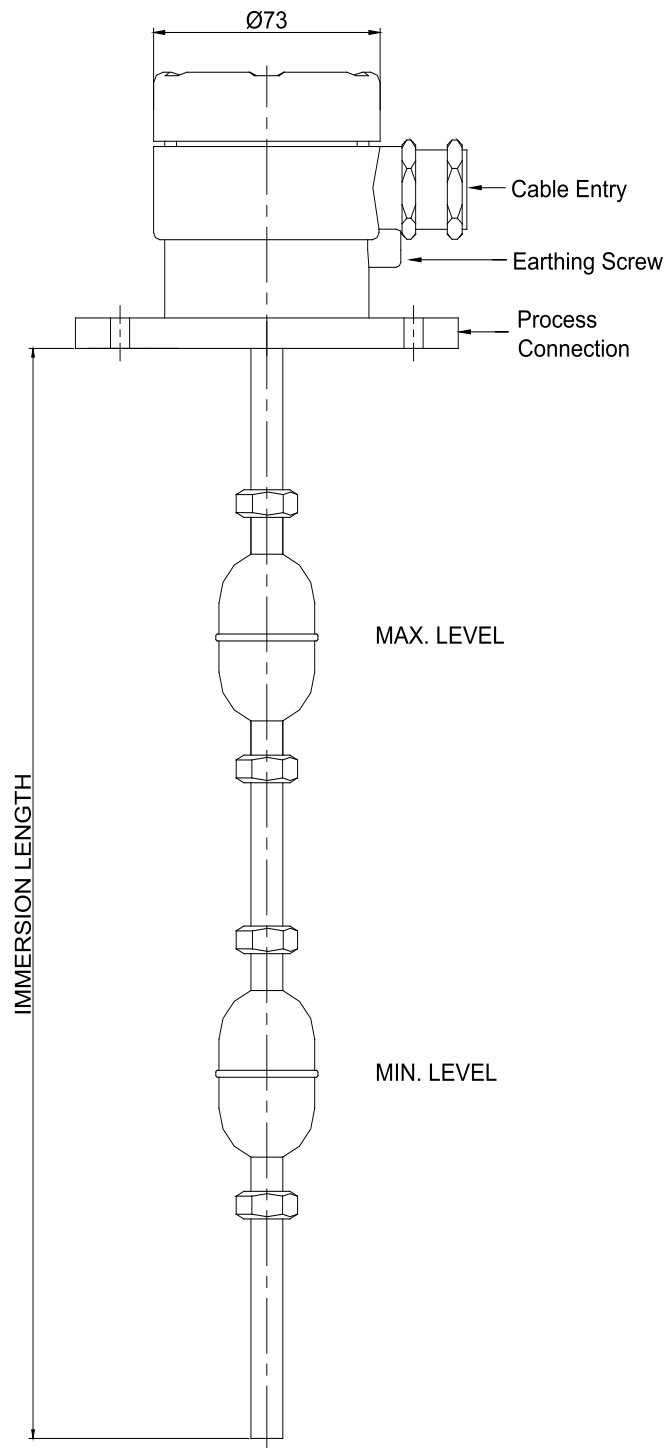
- Power plants
- Chemical Industries
- Water treatment plants
- Hydro pneumatic tanks
- Petrochemicals
- Ship building industry
- Offshore oil rigs



Standard Specifications

Enclosure	Pressure die-cast aluminum
Process connection	Flanged / Threaded
Material of wetted parts	AISI 316SS
Switch type	1 SPST reed switch
Switch rating	0.5A/125VAC
Switching differential	Fixed(10±5mm)
Mounting	Top
Cable entry	3/4" ET Single compression gland
Float material (magnetic)	AISI 316SS
Float diameter	25mm(28mm at welded seam), upto 2 set points 49mm(52mm at welded seam), upto 4 set points
Switching points	Single or(maximum upto 4 points)
Ingress protection	IP67
Max. operating temperature	100°C
Max. operating pressure	10 bar
Min. specific gravity	0.7
Probe length	As per customer requirement

Dimensional Drawing



Ordering Codes

1. Model	LT	6. Cable Entry	E
LT Top Mounted Level Switch		A 3/4 ET single comp. gland B 3/4 ET double comp. gland C 1/2"NPT single comp. gland D 1/2"NPT double comp. gland E PG13.5 single comp. gland F M20X1.5P single comp. gland G M20X1.5P double comp. gland	
2. Process Connection	B	7. Float Dimension	1
B 92 mm PCD square flange A 92 mm PCD round flange C 92 mm PCD sq. flange, forged K 1" NPT (M) M 1" BSP (M) D 1" RF 150# as per ANSI B 16.5 F 2" RF 150# as per ANSI B 16.5 H 3" RF 150# as per ANSI B 16.5 I 3" RF 300# as per ANSI B 16.5		1. 28 dia. /28 length 2. 52 dia. / 52 length	
3. Probe Length		8. Enclosure	
A 300 MM B 400 MM C 500 MM D 600 MM E 700 MM F 800 MM G 900 MM H 1000 MM I 1500 MM J 2000 MM K 2500 MM L 3000 MM	1 Enclosure aluminum, weatherproof IP67 2 Enclosure aluminum, flameproof, IP66 Gr IIA, IIB 3 Enclosure Aluminum, Explosion proof, IP66, Gr IIC		
4. Reed Switch	9. Float, Stem and Connection MOC	1	
1 1 SPST, silver contact 0.5A, 125 VAC 2 1 SPDT, silver contact 0.5A, 125 VAC	1 SS316 2 PVDF		
5. Set Point	1	9. Optional Features	XXXX
1 1 Set point 2 2 Set points 3 3 Set points 4 4 Set points 5 5 Set points		Calibration and test certificate SS304 tag plate SS316 tag plate Material test certificate 3.1	

Ordering Example (standard)

LTBA11E111-0000 Code is for top mounted level switch, 92 mm PCD square flange connection, 300 mm probe length, 1 SPST, silver contact 0.5A.125 VAC,1 set point, PG 13.5 single compression gland., 28 mm dia. / 28 mm length float, enclosure aluminium, WP LM24, SS316 float stem and connection, calibration and test certificate.

Notes

For any special requirements like other insertion lengths, or special connections, please contact Forbes Marshall
Contact Forbes Marshall for further details



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