

FEATURES

- Top mounting
- Easy replacement
- Multi-point switching
- Rigid & easy installation

APPLICATION

- Oil & Water tanks
- Chemical applications
- LPG Vapourizer plants

Multi-point Switching

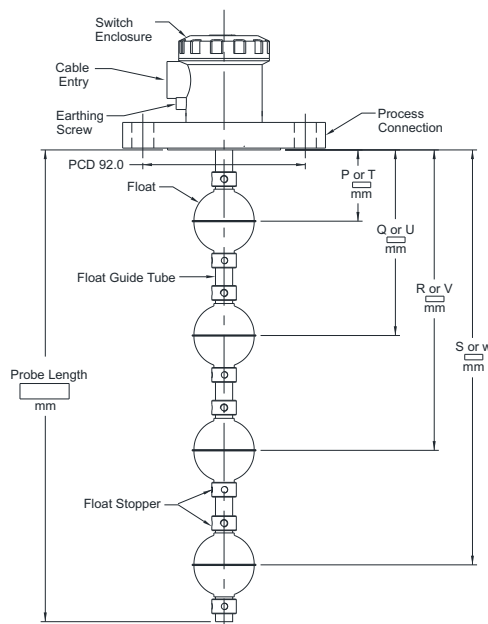


STANDARD SPECIFICATIONS

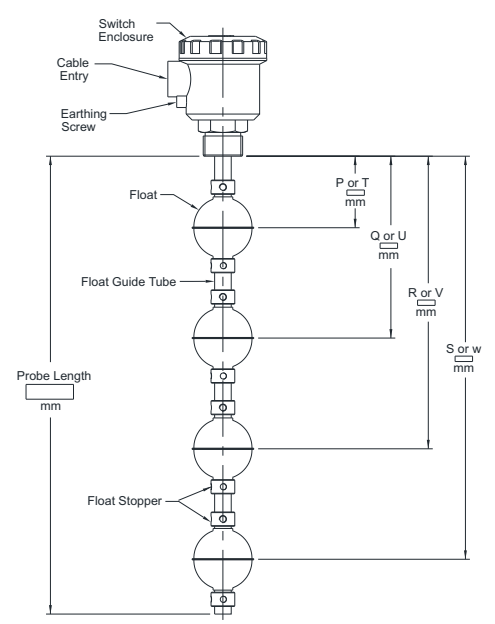
Enclosure	: Pressure die-cast Aluminum
Process connection	: Flanged / Threaded
Material of Wetted parts	: AISI 316 SS
Switch Type	: Reed switch (SPDT / SPST)
Switch Rating	: 0.5A / 250VAC
Switching Differential	: Fixed (10±5mm)
Mounting	: Top
Cable entry	: 1/2" BSP single compression gland
Float material (Magnetic)	: AISI 316 SS
Float Diameter	: 25 mm (28 mm at welded seam), up to 2 set points
	: 49 mm (52 mm at welded seam), up to 4 set points
Switching points	: Single or (Maximum up to 4 points)
Ingress Protection	: IP 65
Max. Operating Temperature	: 100°C
Max. Operating Pressure	: 10 bar
Min. Specific Gravity	: 0.7
Probe length	: As per customer requirement

DIMENSIONAL DRAWING

Flange Connection



Threaded Connection



All dimensions are in mm.

ORDERING CODES

1. BASIC MODEL

HG General purpose version

HG

2. ENCLOSURE

BP Watherproof, IP 67
BQ Flame proof, IP 67, Gr IIA, IIB
BR Explosion proof, IP 67, Gr IIC
BU Ex-Proof to CSA, FM, ATEX [EEx-d]

BP

3. ENCLOSURE MATERIAL

ML Die-cast aluminum
MC AISI 304 SS
MF AISI 316 SS

ML

4. REED SWITCH TYPE

LR0 1 SPST, 0.5 A / 230VAC
LR1 1 SPDT, 0.5 A / 230VAC

LR0

5. WETTED PARTS / FLOAT

MF AISI 316 SS
MC AISI 304 SS
M4 PP (Polypropylene)

MF

6. PROCESS CONNECTION

16N 1" NPT (M)
18N 2" NPT (M)
16B 1" BSP (M)
16B 2" BSP (M)
A31 2" RF 150# as per ANSI B 16.5
A43 3" RF 150# as per ANSI B 16.5
A49 4" RF 150# as per ANSI B 16.5
A32 2" RF 300# as per ANSI B 16.5
A44 3" RF 300# as per ANSI B 16.5
A50 4" RF 300# as per ANSI B 16.5

16N

7. PROB LENGTH

XXXX 200 mm up to 3,000 mm

1000

8. SWITCHING ACTION & POINTS

P Point 1 with NO
Q Point 2 with NO
R Point 3 with NO
S Point 4 with NO
T Point 1 with NC
U Point 2 with NC
V Point 3 with NC
W Point 4 with NC

P250

9. OTHER OPTIONS

XF Tag plate, AISI 304 SS
TC Material test certificate 3.1
TP Performance test certificate
HL Latching type float
HM Mating flange
KE Cable gland, double compression
Weatherproof, Ni-plated brass
KG Cable gland, double compression
Weatherproof, AISI 304 SS
KK Cable gland, double compression
Flameproof, Ni-plated brass
KL Cable gland, double compression
Flameproof, AISI 304 SS

XF

Ordering Example : L102-HG-BP-ML-LR0-MF-16N-1000-P250-XF

NOTES:

1. For any special requirements, or special connections, please contact factory.