

## FEATURES

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

## APPLICATION

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

### Multi-point Switching

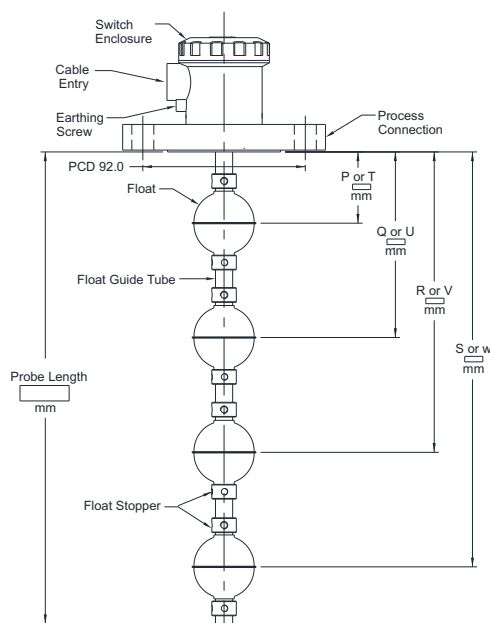


### STANDARD SPECIFICATIONS

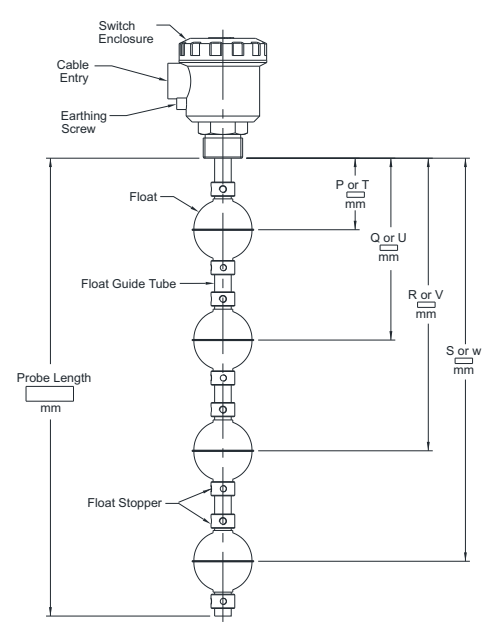
Enclosure	: Pressure die-cast Aluminum
Process connection	: Flanged / Threaded
Material of Wetted parts	: AISI 316 SS
Switch Type	: Reed switch (SPDT / SPST)
Switch Rating	: 0.5A / 250VAC
Switching Differential	: Fixed (10±5mm)
Mounting	: Top
Cable entry	: 1/2" BSP single compression gland
Float material (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 67
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  
**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 &amp; 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

**HL** Latching type float  
**HM** Mating flange  
**J9** Standard DIN connector  
**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  
**TC** Material test certificate 3.1  
**TP** Performance test certificate  
**XF** Tag plate, 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.