



Working Principle & Operation

Consisting of Float and Guide Tube, made of non magnetic material to achieve magnetic flux. The float designed with magnetic system and moves freely along the guide tube, which contains a glass encapsulated hermetically sealed Reed switch located at preset positions. Float follows liquid level and actuates reed switch at preset positions which will give a changeover contact. Single or multiple set points can be achieved through single or multiple floats as required.

Special Features

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

Applications

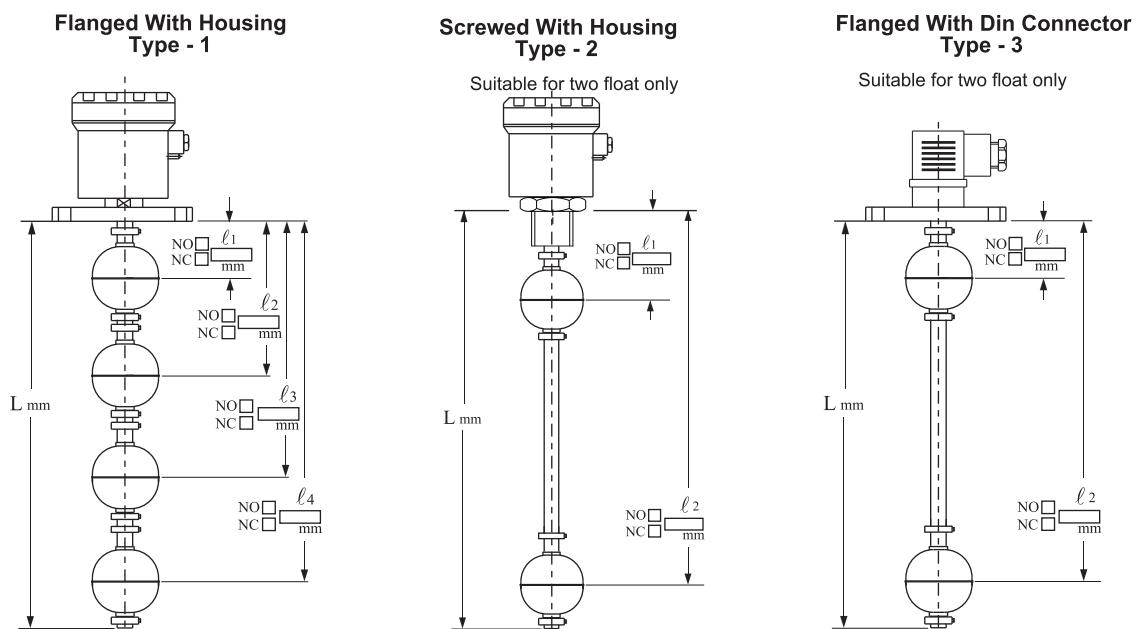
- Oil reservoir
- Coolant tank
- Sterilizing equipment
- Chemical processing system
- Pump control

Specifications

Standard Version

Housing material	: Die-cast Aluminum
Ingress protection	: IP 65
Material of wetted parts	: AISI 316 SS
Cable entry	: ½" BSP (F) with ½" BSP (M) Conduit
Switch differential	: ± 5 mm
Range	: 200 to 3500 mm
Reed switch	: 1 SPST
Switch rating	: 0.5 A / 250 VAC
Minimum specific gravity	: 0.8
Maximum operating temperature	: 100 °C
Maximum operating pressure	: 10 kg/cm ²

Dimensions - Standard Version



Notes : • Drawings are not to scale. • All Dimensions are in mm

How To Order		Example		
Basic Model		LC		
Type				
1 Flanged With Housing	2 Screwed With Housing	3 Flanged With Din Connector	X	
Housing Material				
D Die Cast Aluminum (for type 1 & 2 only)			X	
E Plastic (For Type 3 only)	Y AISI 316 SS		X	
Reed Switch			X	
1 1 SPST (0.5 Amp, 230 VAC) (Standard)	2 1 SPDT (0.5 Amp, 230 VAC)			
Process Connection Material				
TM AISI 316 SS (Standard)	P Polypropylene		XX	
TL AISI 316L SS				
Process Connection				
		Flanged (As per ANSI B 16.5)		
D01 92 Mm PCD Square Flange	7NM 1 ½" NPT (M)	B39 2" 150# RF	B40 2" 300# RF	
D02 92 Mm PCD Round Flange (standard)	8NM 2" NPT (M)	B45 2½" 150# RF	B46 2½" 300# RF	XXX
	7BM 1 ½" BSP (M)	B51 3" 150# RF	B52 3" 300# RF	
	8BM 2" BSP (M)	C33 4" 150# RF	C34 4" 300# RF	
Probe Length (L)				
Please specify in mm between 200 mm to 3500 mm			200 mm	
Number Of Floats (For Type 3, select 1 float only)				
1 One	2 Two	3 Three	4 Four	X
Switch Points (Distance below process connection)				
L1	L2	L3	L4	L1 = 60 L2 = 180 L3 = 320 L4 = 600
(Please specify in mm. Example: L1= 60 mm, L2 = 180 mm, L3 = 320 mm & L4 = 600 mm)				
(Minimum distance between two set points >100 mm)				
Options				
For non standard products / optional items, please contact factory for delivery and minimum quantity of order.				
MF Matching Flange	GB Housing - Suitable For Gas Group II A / II B			XX
SX SS Tag Plate	GC Housing - Suitable For Gas Group II C			
GH Material Test Certificates**	PF Polypropylene Float			
** material test certificates will be provided for wetted parts only with chemical composition testing.				
For others, please consult factory.				

Ordering Example: LC . X . X . X . XX . XXX .- 200mm . X . L1 = 60, L2 = 180, L3 = 320, L4 = 600, . XX

Ordering Information : Specify model no., Liquid, Specific Gravity, Operating Pressure & Operating Temperature.

Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing .
Modifications may take place and materials specified may be replaced by others without prior notice.