



Working Principle & Operation

It is simple and reliable switch for level detection. It can be used for small or long range of storage tanks and reservoirs. Polypropylene rigid construction provides prevention from corrosion. Float tilt with liquid in rise & fall condition, accordingly micro switch operates from NO (Normally Open) to NC (Normally Close) position. It can be used as a multi point switch also.

Special Features

- Rugged construction
- Easy installation

Applications

- Sewage & water treatment plant
- Storage tanks
- Automatic pump control utilities

Specifications

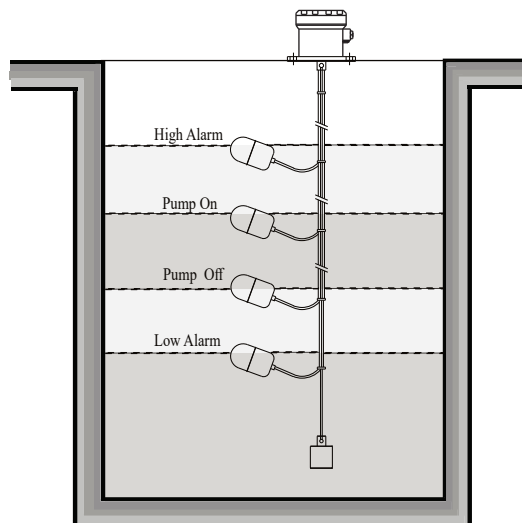
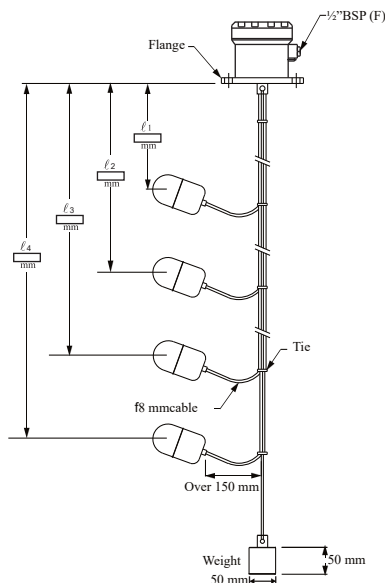
Standard Version :

Housing material	: Die Cast Aluminum
Ingress protection	: IP 65
Process connection	: 4", 150# RF Flange
Material of float	: PP (Polypropylene)
Material of cable	: PVC

Cable float enclosure	: IP 68
Mounting	: Vertical
Micro switch	: 1 SPDT
Switch rating	: 16 A / 250 V AC

Minimum specific gravity	: 0.8
Maximum operating temperature	: 60°C
Maximum operating pressure	: 4 bar

Dimensions - Standard Version



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

HOW TO ORDER		Example
Basic Model		LK
Housing Material		
D Die Cast Aluminum (Std)	W Without	X
Process Connection Material		
C Carbon Steel (Std)		
T AISI 316 SS		X
P PP (Polypropylene) with MS Cladding		
Process Connection		
Flanged (As per ANSI B 16.5)		
C33 4" 150# RF (Standard)	C34 4" 300# RF	XXX
Number Of Floats		
1 One	2 Two	3 Three
4 Four		
Switch Points (Distance below process connection)		
L1	L2	L3
		L4
(Please specify in mm. Example: L1= 200 mm, L2 = 360 mm, L3 = 860 mm & L4 = 1500 mm)		L1 = 200
(Minimum distance between two set points >150 mm)		L2 = 360
		L3 = 860
		L4 = 1500
Accessories		
A1 Adjustable Stopper		
A2 Suspended Weight in SS		XX
Options		
For non standard products / optional items, please contact factory for delivery and minimum quantity of order.		
MF Matching Flange		
SX SS Tag Plate		XX
Ordering Example:		
LK . X . X . XXX . X . L1=200, L2=360, L3=860, L4=1500 . XX . XX		
Maximum Length of Cable shall be 10 meters		
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.