



Working Principle & Operation

Miniature level switches are installed vertically and can be side mounted. They provide actuation high, low or intermediate liquid levels. The switch actions can be reversed from NO (Normally Open) to NC (Normally Closed) by simply changing the float direction.

Special Features

- Sturdy and versatile
- Easy installation
- Compact design
- DIN connector (optional)

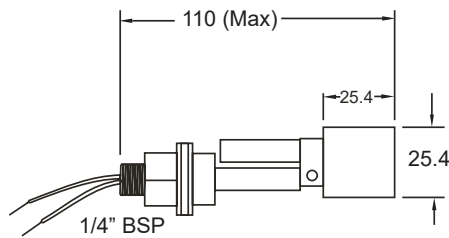
Applications

- Oil reservoir
- Coolant tank
- Sterilizing equipment
- Processing tank

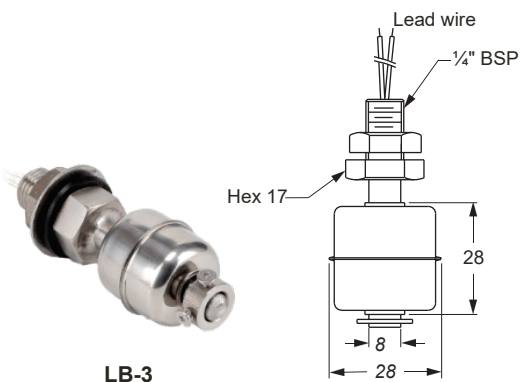
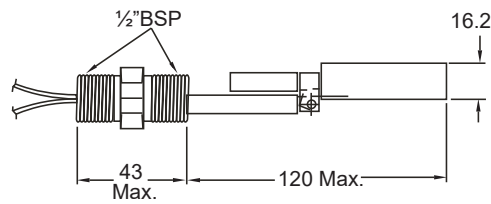
Dimensions - Standard Version



LB-1



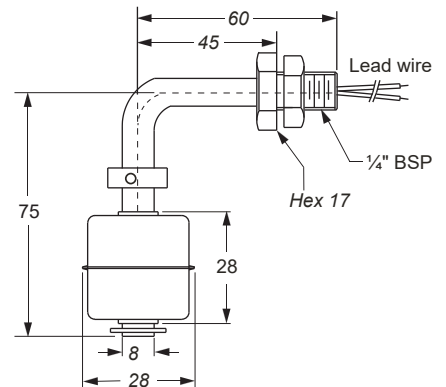
LB-2



LB-3



LB-4



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

Specifications - Standard Version:

Model	LB-1	LB-2	LB-3	LB-4
Mounting	Side	Side	Top	Top(90° Angular)
Material of float / stem	AISI 316 SS	AISI 316 SS	AISI 316 SS	AISI 316 SS
Process connection	1/4" BSP (M)	1/2" BSP (M)	1/4" BSP (M)	1/4" BSP (M)
Din connector (optional)	No	Available with 1" NPT(M) only	No	No
Max. Temperature	100°C	100°C	100°C	100°C
Max. Pressure	10 bar	10 bar	10 bar	10 bar
Min specific gravity	0.75	0.80	0.75	0.75
Switching differential	± 3 mm	± 3 mm	± 3 mm	± 3 mm
Reed switch	Hermetically sealed	Hermetically sealed	Hermetically sealed	Hermetically sealed
Switch rating	0.5 Amp	0.5 Amp	0.5 Amp	0.5 Amp
Switching voltage	230 VAC	230 VAC	230 VAC	230 VAC
Carrying current	1 Amp	1 Amp	1 Amp	1 Amp
Insulation resistance	100 Ω	100 Ω	100 Ω	100 Ω

How To Order
Example

Basic Model		LB
Version		
LB-1	LB-2	LB-3
LB-4		
Reed Switch		
1 1 SPST (0.5 Amp, 230 VAC) (Standard)		
2 1 SPDT (0.5 Amp, 230 VAC)		X
Process Connection		
LB-1	LB-2	
2BM 1/4" BSP (M)(Standard)	4BM 1/2" BSP (M)(Standard)	
2NM 1/4" NPT (M)	4NM 1/2" NPT(M)	XXX
LB-3	LB-4	
2BM 1/4" BSP (M)(Standard)	2BM 1/4" BSP (M)(Standard)	
2NM 1/4" NPT(M)	2NM 1/4" NPT(M)	
Options		
For non standard products/optional items, please contact factory for delivery and minimum quantity of order.		XX
SX SS TAG PLATE GH MATERIAL TEST CERTIFICATES**		

** material test certificates will be provided for wetted parts only with chemical composition testing.

For others, please consult factory.

Ordering Example: LB . XXX . X . XXX . 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.