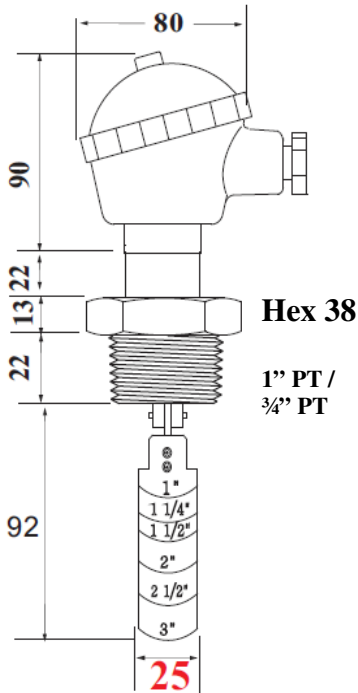


Paddle type flow switch

BR-LFS-01H, BR-LFS-02H, BR-LFS-04H

This flow switch utilizes the force of liquid flow to deflect its paddle and detect the flow of liquid in a pipe. With no flow the paddle is vertical and the spring is expanded. Reed switch contact is N.O. As flow occurs, the paddle is raised at an upward angle of 20°~30° (or more), the eccentric of paddle will push the magnet upward to actuate the reed switch. The length of paddle can be selected to suit the diameter of a pipe.



Hex 38
1" PT / 3/4" PT

BR-LFS-01H/02H



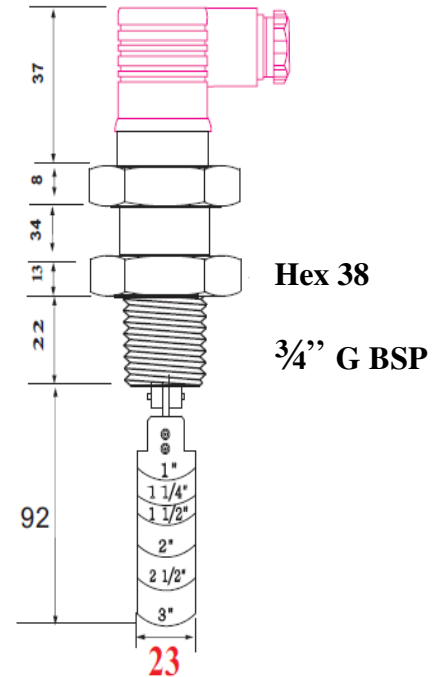
Product Features:

- Housing material: Aluminium Alloy (IP65)
- Paddle and body material: SUS 304
- Operating temperature: -3~80°C
- **High temperature models**
BR-LFS01H/02H: 150°C
BR-LFS04: 120°C
- Operating pressure Max.: 2447 kPa / 24 bar
- Pressure drop allowance: 20 kPa / 0.2 bar
- Set point tolerance: 25%
- Repeatability difference: 5%
- SPDT, 1A, 60VA/400V AC/DC
- Connection: 1" PT / 3/4" G BSP
- Weight: approx. 850g
- Paddles PRE CUT - save time on assembly
- Extra strength paddle mounting for fluctuating flows

Caution:

On assembly use high strength Loctite thread lock on paddle bolts.

Switches are designed to mount vertically



Hex 38
3/4" G BSP

BR-LFS-04



Flow range table – L/m

Pipe size / Paddle length	1"		1 1/4"		1 1/2"		2"		2 1/2"		3"	
	Act	De-Act	Act	De-Act	Act	De-Act	Act	De-Act	Act	De-Act	Act	De-Act
1"	18.92	15.14	32.17	24.60	45.42	34.06	64.35	56.78				
1 1/4"			24.60	17.03	34.06	26.49	56.78	45.42	87.06	75.70		
1 1/2"					52.99	37.85	87.06	60.56	121.13	94.63		
2"							68.13	45.42	90.84	64.35	124.91	102.20
2 1/2"									75.70	49.21	102.20	83.27
3"											83.27	60.56