

TECHWAY INSTRUMENTS

Paddle Flow switch principle

Paddle flow switch also known as Baffle type flow switch is mechanical flow switch used for determining no flow / flow of any liquid service medium. The operation of this flow switch is very simple. When the flowing service medium comes in contact with the vane the vane will swing and further actuate micro trigger switch which changes the contact of the output relay. Once the medium contact is broken the vane will come back to the original position again changing the output relay contact. This flow switch is highly desirable and reliable for Pump on-off action.

Features:

- 1 very small pressure loss
- 2 Good repeatability
- 3 High anti-stain ability
- 4 Accurate switch setup through screw.
- 5 Mechanical parts is completely isolated from electric part.
- 6 Provide with 5 different size of baffle for different line size.



Technical Specification:

Suitable for line size upto 8 Inch.
Voltage (Relay Rating): 220V AC, 3A.
Flow: 10 – 120 LPM.
Connection: 1" T/E Male.
Liquid Temperature: Max. 80 Deg.C.

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