



DESCRIPTION

HEMKUNT electronics Flow Switch/Sensor operates on the principle that when the liquid flow hits the paddle of the flow switch, it operates as SPDT switch.

It offer solid state reliability, very low power consumption, and consistent activation points over a wide temp. Range in a rugged and environmentally isolated package.

HEMKUNT electronics specializes in customizing designs to specific customer needs for a wide range of applications. Please feel free contact us to provide the optimal solution for your specific needs.

FEATURES

- # Simple and rugged construction.
- # Suitable for non-corrosive fluids.
- # Indicates the presence or absence of water flow to start and stop electrically operated equipment in a flow or no-flow condition.
- # Can be used for monitoring flows in horizontal and vertical pipelines with upward water flow.

WIRING DIAGRAM (NO)

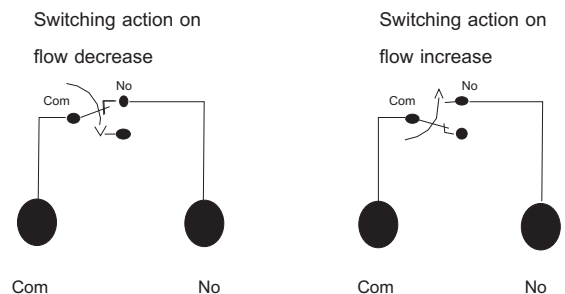


NO- Normally Open
COM- Common

TECHNICAL DATA

Model	:	FS- 01
Connection	:	1" BSP
Materials	:	
Body	:	Brass
Base plate	:	Stainless Steel
Paddle	:	Stainless Steel
Cover	:	ABS
Contact type	:	SPDT
Contact Rating	:	10Amps,230V AC, 50Hz, 1 Ph
Media temp.	:	0 to 120 C
Permissible ambient temp.	:	0 to 80 C
Max. Operating pressure	:	10 bar(16 bar optional)
Pressure	:	IP 54

SWITCHING STATUS



HEMKUNT ELECTRONICS

Contact Details : Website- www.hemkuntelectronics.com
 EMail- hemkuntalert@gmail.com
 Address- 4583/13 Jai Mata Market, Tri Nagar, Delhi- 110035
 Telephone numbers- 011-27394466 ,+91-9810822092, +91-8800445952

INSTALLATION & COMMISSIONING

Install the flow switch in a section of pipe where there is a straight run of at least 5 pipe diameters on each side of the flow switch .Do not locate adjacent to valves, elbows or orifices. The switch should be mounted so that terminals or wire leads are easily accessible for wiring.

Use suitable size of pedal or cut the pedal to ensure adequate length in flow stream. For pipe sizes smaller than 1 inch, use tee and for larger pipe sizes use saddle to keep flow switch close to the pipe.

Paddles smaller than actual pipe size should be used for added support and higher sensitivity. The paddles must be properly attached and the screw that holds the paddle must be securely tightened.

Paddle tension to suit flow can be changed by adjusting the setting screw as shown in figure 2.

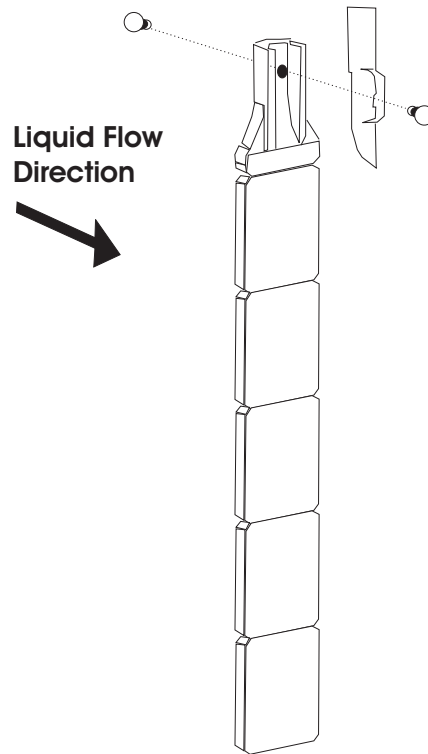


Fig 1 - Typical Paddle Arrangement

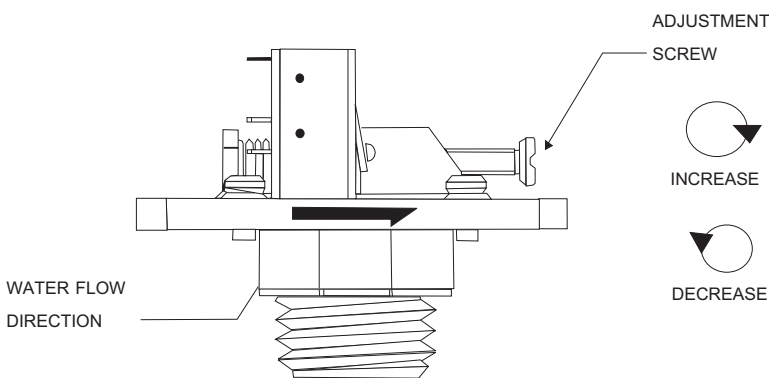


Fig. 2 . Paddle Tension Adjustment System

CAUTION:

- # The paddle movement should be unrestricted, it must not touch inside of pipe.
- # Care must be taken to properly orient the device for the direction of flow (fig. 2)

As a result of our policy of continual improvement, the information in this document is subject to change without any notice and it is intended only as general guidance on product performance and suitability. This information shall not form part of any contract.

our product should be installed by a qualified personnel only, therefore any use of this application is at the installer's own risk and should be accessed appropriately.

HEMKUNT ELECTRONICS

Contact Details : Website- www.hemkuntelectronics.com
 EMail- hemkuntalert@gmail.com
 Address- 4583/13 Jai Mata Market, Tri Nagar, Delhi- 110035
 Telephone numbers- 011-27394466 ,+91-9810822092, +91-8800445952