

Applications

- Suitable for Chillers and Dryer flow application
- Suitable for Hydraulic / Lubrication oil systems application
- Cooling loops for water & oil
- Dry run protection for pumps / Refrigeration systems
- Air flow monitoring of air blowers & ventilation systems
- Heat Exchangers water flow supervision
- High pressure flow applications

Unique Offering

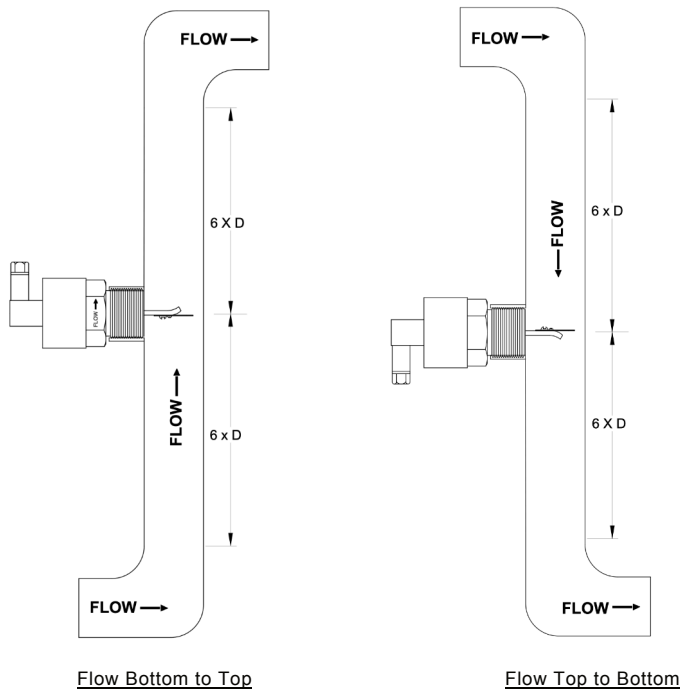
- **FLOWTECH[®] FLOW SWITCH FFS-VKS**
Offers a reliable performance. Suitable for water, lubricating oil, Hydraulic Oil and Air with negligible pressure drop.
- **FLOWTECH[®] FLOW SWITCH FFS-VKS**
Offers 1 SPST normally open Hermetically sealed reed based switching. Contact closes on increasing flow.
- **FLOWTECH[®] FLOW SWITCH FFS-VKS**
Max. temperature limit of 100 Deg C
No power supply is needed to power the switch.



- **FLOWTECH[®] FLOW SWITCH FFS-VKS**
Made out of rugged, durable & rust proof material SS316 & complies with IP-65 enclosure protection class
- **FLOWTECH[®] FLOW SWITCH FFS-VKS**
Offers max operating pressure of 50 bar. Wide choices of connection thread types & suitable for pipe sizes from 1 inch to 3 inch
- **FLOWTECH[®] FLOW SWITCH FFS-VKS**
Easy installation & quick electrical connection via plug connector as per DIN EN 175301-803-A



Typical Installations

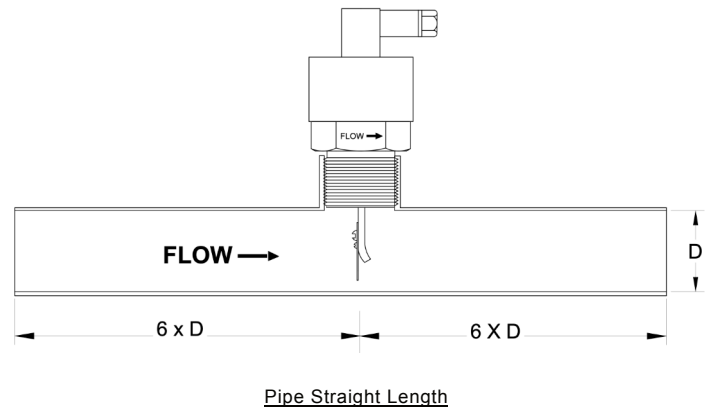


** All dimensions are in MM

Flow Table *

PIPE SIZE NB (Inch)	MIN FLOW L/min	MAX FLOW L/min
25 (1")	30	120
40 (1 1/2")	65	200
50 (2")	90	320
65 (2 1/2")	475	1650
80 (3")	180	650

*Values specified are approx. value for water flow medium



Technical Specifications

- SPST (C-NO) reed Switch 50 VA with electrical rating of 1A, 230 VAC / 24 VDC pilot duty
- Maximum pressure 50 bar as standard, higher pressure option available on request. ■ Max. temperature 100 Deg.C
- 1" BSP / BSPT / NPT (M) connection Options ■ Suitable for pipe sizes-1 inch to 3 inch ■ Max Pres.Loss 50~100 mbar
- Complies with IP-65 protection class ■ Switch has fixed set-point 1% rep. Acc ■ Wide operating flow ranges as per table



MUKUND ELECTRICALS.

'Flowtech House'
139, Industrial Estate.Hotgi Road.
Solapur - 413 003. Maharashtra - INDIA.
Ph. : +91-(0)217 - 2602488
Email : info@flowtech.co.in
Website : www.flowtech.co.in

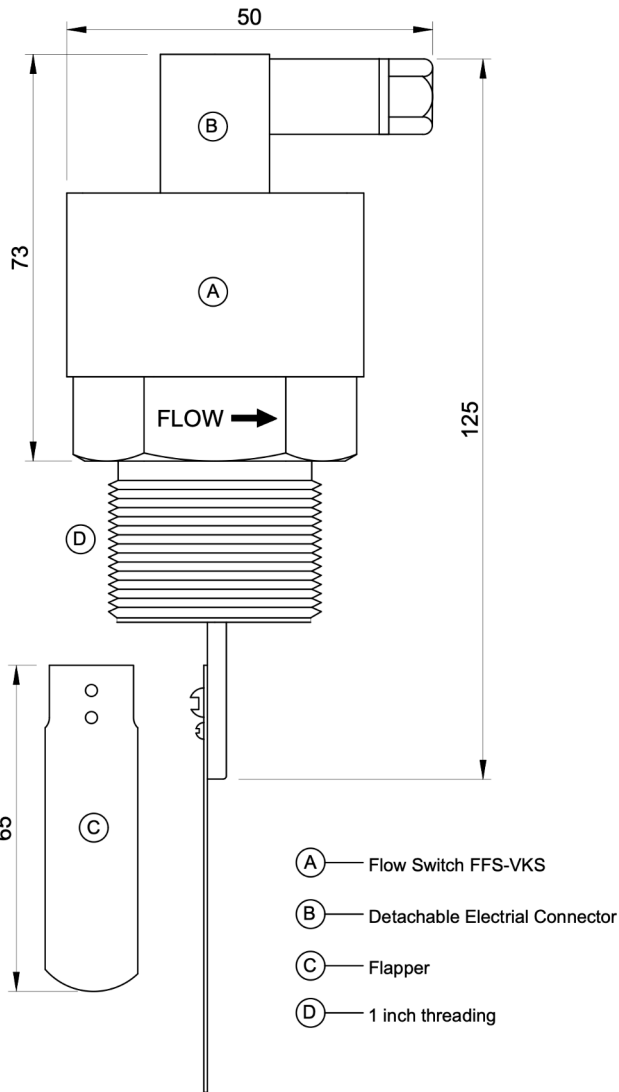


ISO 9001:2015

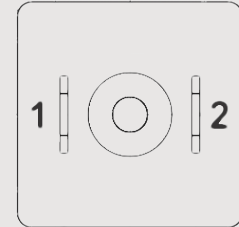
www.tuv.com
ID 9105051506



G.A. Drawing



Electrical Connections



Note : Flow closes the contact
Between 1 & 2

What in the Box

Flowtech Flow Switch Model FFS-VKS

Flapper : SS316 - 65 mm long

Installation instruction sheet

How to Order

FFS - VKS - XX - X

01 - 1" thread
02 - 3/4" thread

A - BSP thread type
B - BSPT
C - NPT

Note :

Suitable for Pipe size 1" (25NB) to 3" (80NB)
Flow rates as per flow chart



MUKUND ELECTRICALS.

'Flowtech House'
139, Industrial Estate.Hotgi Road.
Solapur - 413 003. Maharashtra - INDIA.
Ph. : +91-(0)217 - 2602488
Email : info@flowtech.co.in
Website : www.flowtech.co.in



ISO 9001:2015

www.tuv.com
ID 9105051506

