

VH Series Flow switches



How to Order.

VH320 B R FL

This is model VH3 With 3/4" Bsp brass pipe Tee Reed switch Contact and flying lead

General Description

The flow of the fluid impinges on the sensing disc fixed to the end of the paddle system.

A permanent magnet on the other end of the paddle system. Is actuating a reed Switch, which is adjustably positioned outside the flow medium.

The reed switch signal can be delayed by use of a relay with a built in time delay We strongly recommend use of relays in conjunction with all flow switches to avoid excess switch current

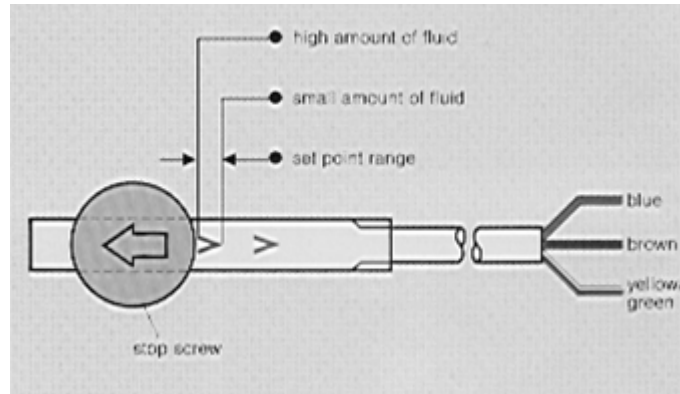
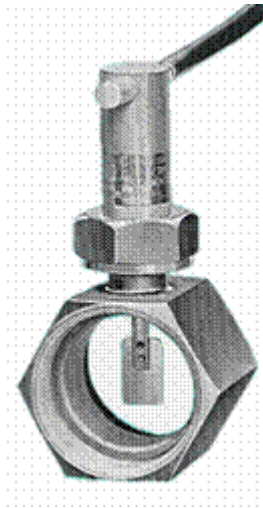
Note.

1. Minimal pressure drop across switch
2. Reliable and simple working device
3. High repeatability
4. Optimal price performance
5. Over 500 different types for almost any application
6. Line sizes from 8mm to 200 mm

VH3	20	>	B	>	R	>	HC	>	
Model	Line size mm		Medium Connection		Switch		Electrical Connections		Options
VH3	08 = 1/4 Bsp 10 = 3/8 Bsp 15 = 1/2 Bsp 20 = 3/4 Bsp 25 = 1" Bsp 32 = 1 1/4 Bsp 40 = 1 1/2 Bsp insertion type 05 = 1/2 Bsp (2 > 6") 06 = 1/2 Bsp (4 > 8")		B = Brass screwed C = Copper brazed S = St Steel P = PVC		R = Reed Switch		HC = Din Connector FL = Flying lead		NP = Electroless Nickel Plated T = Teflon Coated

VH Series Flow switches

Adjustment



Red arrow N.O. Range Blue arrow N.C. range

Electrical	Working Voltage 230VAC 48VDC
Protection	CableSealed = - IP65
Temperature range	Media 10°F to + 225°F (- 10°C to +110 °C)
Max switching current	1Amp 26 VA or 20Watts
Set point tolerance	15%
Cable length	1.0 Mtrs Standard
Maximum working pressure	Brass 25 Bar / PVC 10 Bar (20°C)

Adjustment Ranges

Model	line size	Adjustment range L/min H2o			
		Increasing flow		Decreasing flow	
VH					
308	1/4"	2.5	> 4	2	> 3.5
310	3/8"	3	> 4.5	2.5	> 4
315	1/2"	4	> 6	3.5	> 5.5
320	3/4"	8	> 11	6.5	> 10
325	1"	14	> 18	12.5	> 16.5
332	1 1/4"	19	> 23.5	17.5	> 22.5
340	1 1/2"	34	> 42	32.5	> 41

	line size	Adjustment range M3/Hr H2O			
		Increasing flow		decreasing flow	
305	2"	3	> 3.7	2.6	> 3.5
	3"	9.3	> 11	8.6	> 10
	4"	13	> 16	12	> 15
	6"	33.5	> 36	31	> 35.5
306	4"	5.5	> 6.8	4.2	> 6.2
	6"	12	> 17	10	> 14
	8"	23	> 32	20	> 28

Basic Principles

