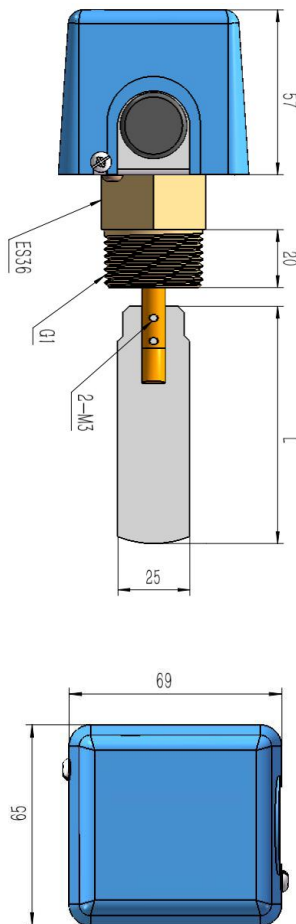


## Principle and Characteristics

Mechanical flow switch, built-in spring supported baffle, when the flow reaches the prefabricated value of the mechanical structure triggers the micro switch.

SPDT output, pressure loss is small, the mechanical part and the electronic part is completely isolated/flow range is large, easy to adjust and set, the switch factory standard with a set of stopper (5 pieces), can be flexibly combined according to the field situation, suitable for a variety of pipelines, the switch has high reliability and good repeatability, strong anti-pollution ability.

## Size chart



## The product application

Gas-liquid type, industrial automation/mechanical equipment/air compression industry/refrigeration and air conditioning suitable for pipe diameter 25mm.

## Technical parameters

- ◆ Set scope: See the table below for details
- ◆ Repeatability:  $\pm 2.5\%$  total range
- ◆ Connection mode: Terminal connection
- ◆ Output: Switch normally open + Normally closed (250VAC,3A)
- ◆ pressure : 16bar
- ◆ Average pressure loss: 0.08bar(maximum flow)
- ◆ Ambient temperature: -25... 80
- ◆ Medium temperature : 90
- ◆ Interface thread: G1 pipe thread
- ◆ Protection grade : IP33
- ◆ **material**
- ◆ Main body: stainless steel
- ◆ Process connection: brass/stainless steel
- ◆ Connection rod: brass/stainless steel
- ◆ Baffle: stainless steel

Parameter Table 1 applies to pipe diameter 6"

Install the pipe diameter (DN)	model	Applicable to baffle number	pressure Bar	The adjustable range L/min(water)	hysteresis L/min(water )	The weight of the
25	VR11-0 25HM	4	16	0.37...1.22	0.5	0.55
25		5	16	0.26...0.86	0.4	
50		4	16	0.57...1.68	0.8	
50		5	16	0.33...1.08	0.5	

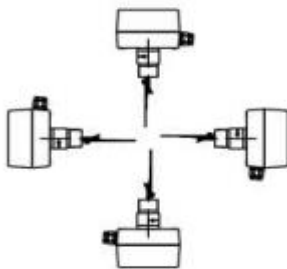
# Baffle type flow switch VR11 series



Parameter Table 1 applies to pipe diameter 125"

Install the pipe diameter (DN)	model	Applicable baffle number	pressure Bar	The adjustable range L/min(水)	hysteresis L/min(水)	Th weightofthe Kg
1''	VR11-025HM	1	16	20...48	8	0.55
1 1/4''		1	16	34...100	10	
1 1/2''		1	16	65...160	14	
2''		1	16	120...280	26	
2 1/2''		1	16	210...550	18	
3''		1	16	380...750	20	
2''		2	16	40...140	18	
2 1/2''		2	16	110...340	15	
3''		2	16	180...470	18	
4''		4	16	350...920	20	
3''		3	16	115...220	20	
4''		3	16	210...590	20	
5''		3	16	380...1200	40	
6''		3	16	550...1800	80	

The installation



Applicable medium



## Selection table

VR11-	025	H	M	detail ed
VR11-				VR11- Baffle type flow switch
	025			Threaded interface G1
		H		External thread
			M	Brass thread

Note: Special customization is supported

## Prompt order

1. Please indicate the medium flow direction, medium type, pipe diameter and expected setting value when ordering. We can help you complete the Settings at the factory.
2. If it is viscous medium, please indicate viscosity, temperature and type of medium.
3. If the medium is gas, please indicate the pressure (gauge pressure/absolute pressure), temperature and type of medium.
4. Micro switch can be imported according to customer needs two optional