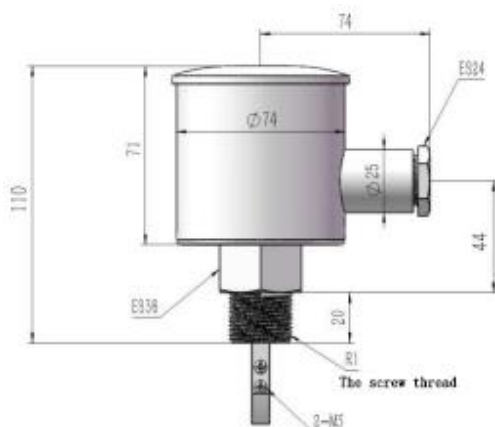




dimension figure



principle and characteristics

Mechanical flow switch with built-in spring-supported baffle. When the flow reaches the prefabricated value, the mechanical structure triggers the microswitch. SPDT output, small pressure loss, complete isolation of mechanical part and electronic part/large flow range, convenient adjustment setting, switch factory standard with a set of stopper (5), can be flexibly combined according to the site situation, suitable for a variety of pipelines, the switch has high reliability and good repeatability, strong anti-pollution ability.

product application

Pneumatic liquid dual purpose, industrial automation/mechanical equipment/air compression industry/refrigeration and air conditioning is suitable for diameter $\geq 25\text{mm}$ pipeline.

technical specification

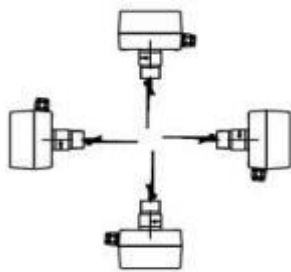
- ◆ Setting range: See the table below
- ◆ Repeatability: $\pm 2.5\%$ total range
- ◆ Wiring mode: terminal wiring
- ◆ Output: Switch Normally On + Normally Closed (250VAC, 3A)
- ◆ Pressure: 16bar
- ◆ Average pressure loss: 0.08bar (at maximum flow)
- ◆ Ambient temperature: $-25 \dots 80^\circ\text{C}$
- ◆ medium temperature: 250°C
- ◆ interface thread: R1 female thread
- ◆ Protection class: IP67
- ◆ drifting: $\pm 0.5\%$
- ◆ Service life: 1 million times
- ◆ materials:
 - ◆ Body: stainless steel
 - ◆ Process connection: stainless steel
 - ◆ Connecting rod: stainless steel
 - ◆ baffle: stainless steel
 - ◆ Protective enclosure: stainless steel explosion-proof external junction box

Applicable range of blade length and flow

blade length	Pipe diameter (adjustable range L/min)					
	1"	2"	3"	4"	5"	6"
1#	20-48	120-280				
2#		40-140	180-470	350-920		
3#			100-220	210-590	380-1400	
4#				160-450	330-1200	
5#					230-900	400-1800

installation
instructions

applicable
medium



Selection table

SN41B-	1	H	A	specification	weight
SN41B-				SN41B series baffle explosion-proof flow switch	
	1			Threaded interface R1	
		H		RA	
			A	304 stainless steel material	0.85
			B	316L stainless steel material	

- * Please indicate medium flow direction, medium type, pipe diameter and expected set value when ordering. We can complete the setting for you at the factory.
- * For viscous media, please indicate viscosity, temperature and type of media.
- * For gaseous media, please indicate pressure (gauge/absolute pressure), temperature and medium type.
- * Micro switch can be imported according to customer requirements of two options.
- * The selection table is only available for parameter selection, and the corresponding code is delivered.