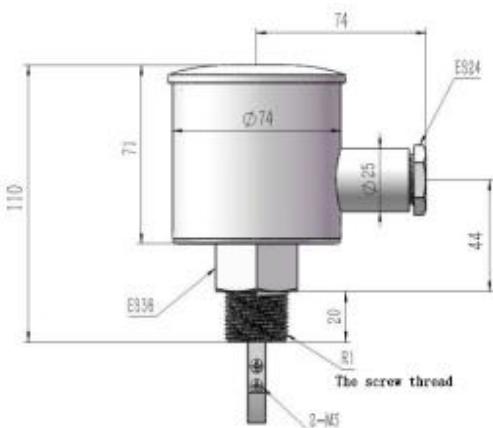




dimension  
figure



### 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

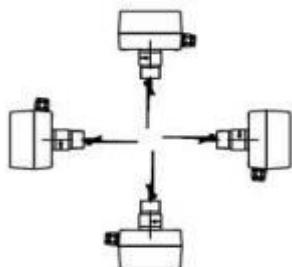
Pneumatic liquid dual purpose, industrial automation/mechanical equipment/air compression industry/refrigeration and air conditioning is suitable for diameter  $\geq 25\text{mm}$  pipeline.

### 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... 80 °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  
instructionsapplicable  
medium
 water  
  steam  
  oil

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.