



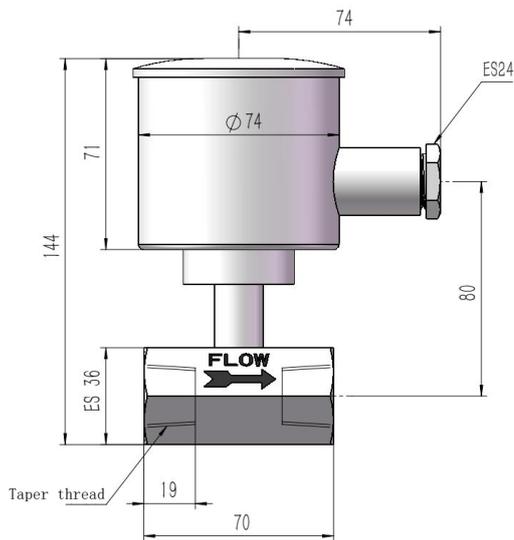
principle characteristics

The FC350 straight explosion-proof flow switch is an upgraded FC340 explosion-proof version with a spring supported baffle built in. When the flow reaches the prefabricated value, the mechanical structure triggers the fretting switch. On-line installation, good repeatability, anti - pollution ability, through the knob to achieve the switch value setting.

product application

Gas-liquid dual type, industrial automation/mechanical equipment/air compression industry/cooling and air conditioning/fire protection industry/petrochemical industry and other special protection requirements.

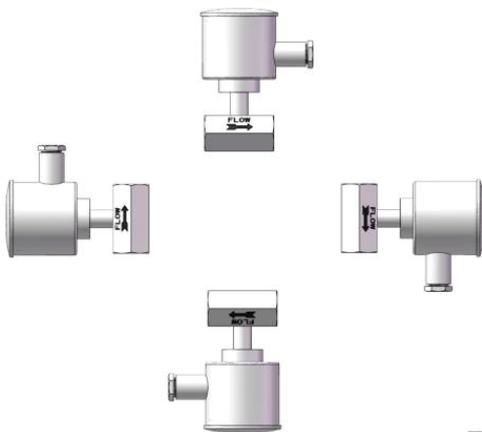
Size chart (mm)



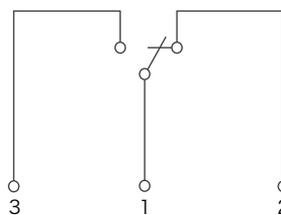
Technical parameters

- ◇ scope setting: see the table below
- ◇ Reproducibility: $\pm 2.5\%$ of the total range
- ◇ Wiring mode: terminal wiring
- ◇ output: normally open + normally closed (250VAC,3A)
- ◇ Withstand pressure: 100bar
- ◇ Average pressure loss: 0.08bar(at maximum flow)
- ◇ Dielectric temperature: 250°C
- ◇ Protection grade: IP67
- ◇ His material
 - Main body: stainless steel
 - Process connection: stainless steel
 - Connecting rod: stainless steel
 - Baffle: stainless steel
 - Enclosure: stainless steel explosion-proof junction box

Installation drawing



wiring diagram



Applicable medium



Selection table

Pipe diameter (DN)	weight (Kg)	Interface thread	Block slice A/B	pressure (bar)	hysteresis L/min	adjustable range L/min	model
20	0.85	R3/4" Taper thread	A	100	2	4.2 - 18	FC350-020RKA
20		R3/4" Taper thread	B	100	3	8.3 - 37	FC350-020RKB
25		R1" Taper thread	A	100	2	5.2 - 23	FC350-025RKA
25		R1" Taper thread	B	100	4	10 - 48	FC350-025RKB
32		R1 1/4" Taper thread	A	100	3	8.1 - 39	FC350-032RKA
32		R1 1/4" Taper thread	B	100	6	19 - 90	FC350-032RKB
40		R1 1/2" Taper thread	A	100	5	15 - 69	FC350-040RKA
40		R1 1/2" Taper thread	B	100	7	25 - 111	FC350-040RKB

Note: special customization is supported. The above parameters are tested by installing the switch vertically in the horizontal pipeline with 20°C water as the medium.

Prompt order

1. When ordering, please indicate medium flow direction, medium type, pipe diameter and expected setting value. We can help you to complete the setting before delivery.
2. If it is a viscous medium, please indicate the viscosity, temperature and type of medium.
3. For gaseous medium, please indicate pressure (gauge pressure/absolute pressure), temperature and medium type.
4. The micro switch can be imported according to customer demand two options.