

principle and characteristics
 Built-in spring-supported baffle, the mechanical structure triggers a microswitch when the flow rate reaches the prefabricated value. On-line installation, good repeatability, anti-fouling ability, through the knob to realize the switch value setting.

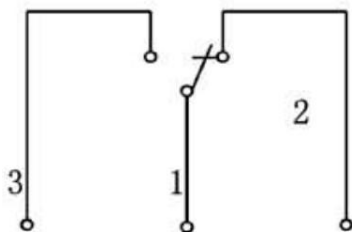
product application

Gas-liquid type, industrial automation/mechanical equipment/air compression industry/refrigeration and air conditioning suitable for diameter $\leq 50\text{mm}$ pipeline.

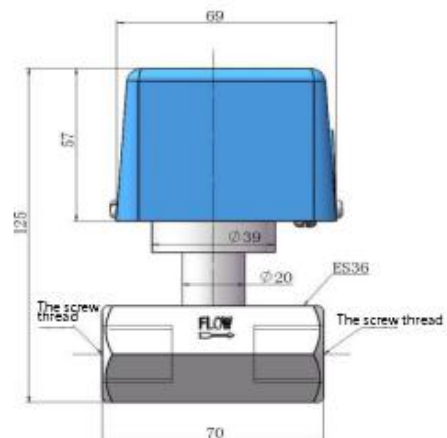
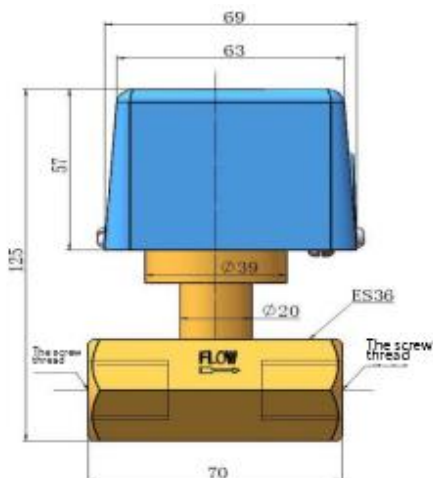
technical specification

- ◆ 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 (brass), 40bar (stainless steel)
- ◆ Average pressure loss: 0.08bar(at maximum flow)
- ◆ environment temperature: $-25\text{...}80^{\circ}\text{C}$
- ◆ medium temperature: brass material 90°C , stainless steel material 180°C
- ◆ Protection grade: IP33
- ◆ materials
- ◆ Body: stainless steel
- ◆ Process connection: brass/stainless steel
- ◆ Connecting rod: brass/stainless steel
- ◆ Flapper: brass/stainless steel

wiring diagram

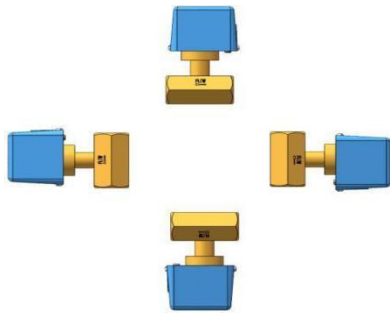


dimension figure



installation instructions

applicable medium



Selection table

Piping diameter	weight Kg	Interface thread D	catch A/B	pressure Bar	slow-moving L/min	adjustable range L/min	Model (material)
15	< 1.5kg	R1/2 "taper thread	A	16	2	3-11	SN42-01RTA (brass)
15		R1/2 "taper thread	B	16	3	5-17	SN42-01RTB (brass)
15		R1/2 "taper thread	A	16	2	3-11	SN42-01RGA (stainless steel)
15		R1/2 "taper thread	B	16	3	5-17	SN42-01RGB (stainless steel)
20		R3/4" taper thread	A	16	2	4.2--18	SN42-02RTA (brass)
20		R3/4" taper thread	B	16	3	8.3--37	SN42-02RTB (brass)
20		R3/4" taper thread	A	16	2	4.2--18	SN42-02RGA (stainless steel)
20		R3/4" taper thread	B	16	3	8.3--37	SN42-02RGB (stainless steel)
25		R1" taper thread	A	16	2	5.2--23	SN42-03RTA (brass)
25		R1 taper thread"	B	16	4	10--48	SN42-03RTB (brass)
25		R1" taper thread	A	16	2	5.2--23	SN42-03RGA (stainless steel)
25		R1" taper thread	B	16	4	10--48	SN42-03RGB (stainless steel)
32		R1 1/4" taper thread	A	16	3	8.1--39	SN42-04RTA (brass)
32		R1 1/4" taper thread	B	16	6	19-90	SN42-04RTB (brass)
32		R1 1/4" taper thread	A	16	3	8.1--39	SN42-04RGA (stainless steel)
32		R1 1/4" taper thread	B	16	6	19-90	SN42-04RGB (stainless steel)
40		R1 1/2" taper thread	A	16	5	15--69	SN42-05RTA (brass)
40		R1 1/2" taper thread	B	16	7	25--111	SN42-05RTB (brass)
40		R1 1/2" taper thread	A	16	5	15--69	SN42-05RGA (stainless steel)
40		R1 1/2" taper thread	B	16	7	25--111	SN42-05RGB (stainless steel)

* 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.

* Optional flange, customized according to customer requirements.

* The selection table is only available for parameter selection, and the corresponding code is delivered.