



**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**

Vapor-liquid dual purpose, industrial automation/mechanical equipment/air compression industry/refrigeration and air conditioning/fire protection industry/petrochemical industry and other special protection requirements

**technical specification**

- ◆ setting range: see the table below for details
- ◆ Repeatability:  $\pm 2.5\%$  total range
- ◆ Wiring mode: terminal wiring
- ◆ Output: Switch Normally On + Normally Closed (250VAC,3A)
- ◆ Pressure: 40bar
- ◆ Average pressure loss: 0.08bar(at maximum flow)
- ◆ Ambient temperature: -25... 80 °C
- ◆ medium temperature: 250°C
- ◆ level of protection: IP67
- ◆ materials: Body: stainless steel

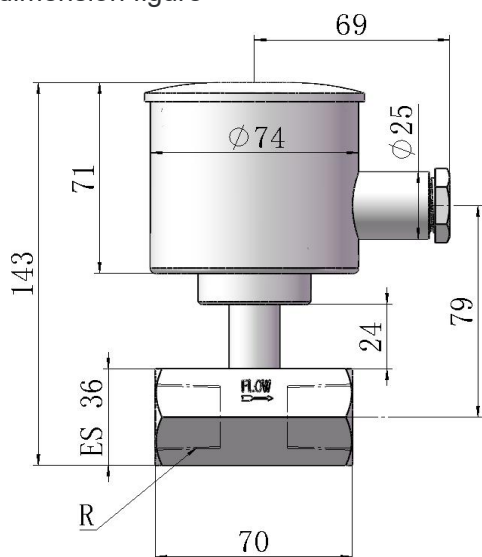
Process connection: stainless steel

Connecting rod: stainless steel

Flapper: stainless steel

Protective enclosure: stainless steel explosion-proof external junction box

dimension figure



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" taper thread	A	16	2	3-11	SN42B-01RGA ( stainless steel )
15		R1" taper thread	B	16	3	5-17	SN42B-01RGB ( stainless steel )
20		R3/4" taper thread	A	16	2	4.2--18	SN42B-02RGA ( stainless steel )
20		R3/4" taper thread	B	16	3	8.3--37	SN42B-02RGB ( stainless steel )
25		R1" taper thread	A	16	2	5.2--23	SN42B-03RGA ( stainless steel )
25		R1" taper thread	B	16	4	10--48	SN42B-03RGB ( stainless steel )
32		R1 1/4" taper thread	A	16	3	8.1--39	SN42B-04RGA ( stainless steel )
32		R1 1/4" taper thread	B	16	6	19-90	SN42B-04RGB ( stainless steel )
40		R1 1/2" taper thread	A	16	5	15--69	SN42B-05RGA ( stainless steel )
40		R1 1/2" taper thread	B	16	7	25--111	SN42B-05RGB ( stainless steel )