

ACRYLIC PLASTIC FLOW METER – Spring Type CE PG

SF100 with alarm switch type
without alarm switch type

Technical Data

Service: Liquid, Oil

Wetted Parts Material: Body: Acrylic plastic; O-Ring: Viton;

Float: magnet cover with PPS plastic; Connection: SS316;

Spring: SS316

Connection Size: 3/8", 1/2", 3/4" NPT female available

Mounting: Vertical and Horizontal available, various flow directions

Temperature & Pressure Limits: 150 psig (10bar) @100°F(38°C)

Temperature Limit: -24°C~+54°C

Accuracy: ±5% full scale

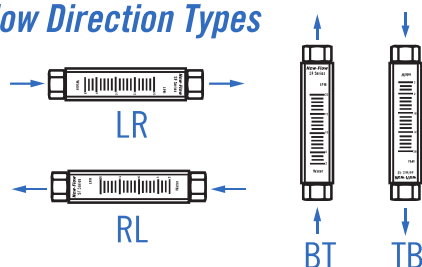
Alarm Switch: One or Two setting points, form A N.O. type bistable reed switch

Switch Rating: AC 125V 0.5A / DC 100V 10W / Max. DC 250V<40mA

Weight: 0.45~0.5 kg

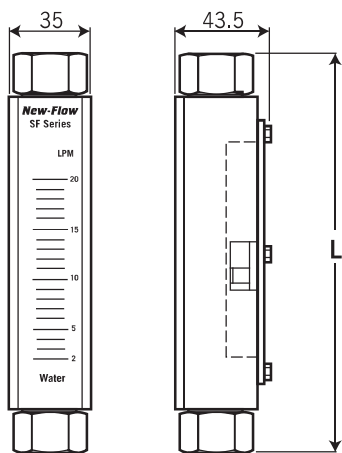
(Contact setting point should be within 10% to 80% of FS)

Flow Direction Types



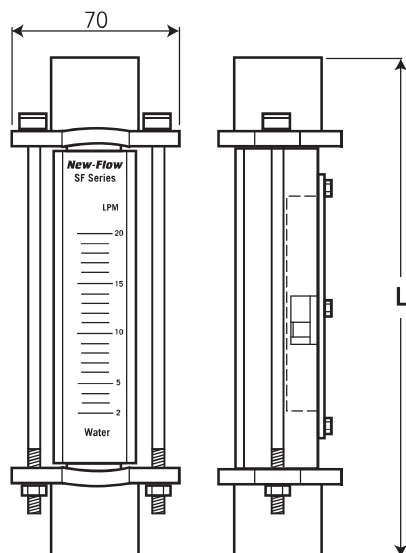
Dimensions-mm

SF-100-G: Original Type



L=150mm (for 3/8")
L=150mm (for 1/2")
L=150mm (for 3/4")

SF-100-F: Fixed Type



L=166mm (for 3/8")
L=166mm (for 1/2")
L=166mm (for 3/4")

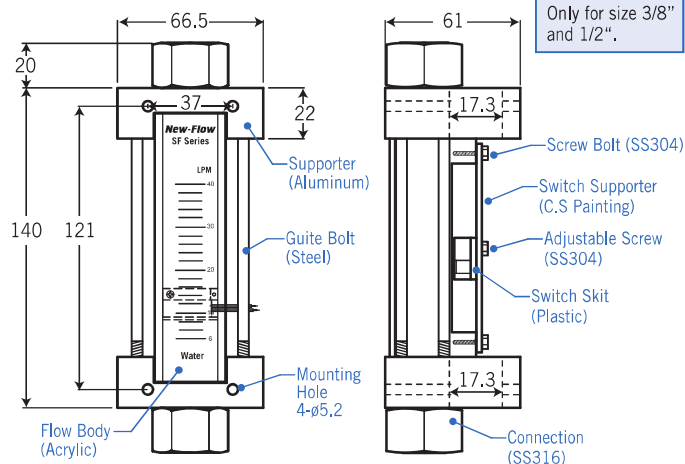


Original Type

Strong Type

Fixed Type

SF-100-S: Strong Type



NOTE.
Only for size 3/8"
and 1/2".

Ordering Information

SF100	Code	Type
	G	Original Type S Strong Type F Fixed Type
	Code	Flow Range(LPM-Litter per Minute)
	A	0.6~4 LPM
	B	1.6~10 LPM
	C	2~20 LPM
	D	6~40 LPM
	E	3~30 LPM
	F	5~50 LPM
	G	6~60 LPM
	Code	Alarm Switch
	1R	One setting point
	2R	Two setting point
	O	Without alarm
	Code	Process Connection (Female)
	(A)	3/8"NPT
	(B)	1/2"NPT
	(C)	3/4"NPT
	Code	Flow Direction
	(BT)	Bottom to Top
	(TB)	Top to Bottom
	(RL)	Right to Left
	(LR)	Left to Right
SF100		Complete Ordering Code