

PLASTIC FLOW METER – Spring Type

SF300 with alarm switch type
without alarm switch type

Technical Data

Service: Liquid, Oil

Wetted parts material:

Body: Polycarbonate (P.C); Polysulfone (PSU) available

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

Max. working pressure limit: 1.2 MPa (12 kg/cm²)

Max. test pressure: 2.0 MPa (20 kg/cm²) (water 25°C)

Max. working temperature limit: -10°C to 60°C (for PC body)
-10°C to 110°C (for PSU body)

Accuracy: ±5% full scale

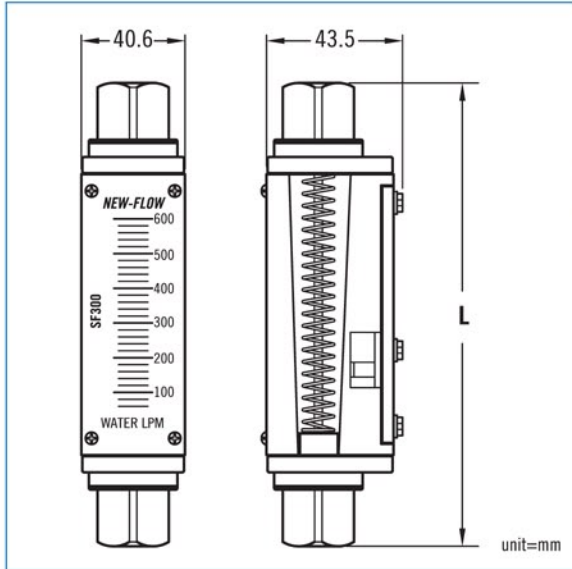
Alarm switch: One or Two setting points, form A N.O. type bistable reed switch

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

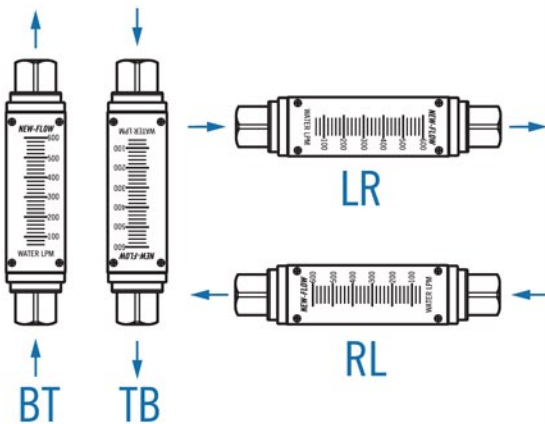
Weight: 0.3~0.4 kg

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

Dimensions



Flow Direction Types



Ordering Information

SF300	Code	Flow Range [Water-LPM (Litter per Minute) & GPM (Gallon (us) per Minute)]				
	A	1~4 LPM	F	5~50 LPM	K	0.8~8 GPM
	B	2~10 LPM	G	6~60 LPM	L	1~10 GPM
	C	2~20 LPM	H	0.2~1 GPM	M	1.3~13 GPM
	D	3~30 LPM	I	0.5~2.5 GPM	N	1.5~15 GPM
	E	4~40 LPM	J	0.5~5 GPM		
	Code	Alarm Switch				
	1R	One setting point				
	2R	Two setting points				
	0	Without alarm				
	Code	Body Material				
	PC	Polycarbonate	PSU	Polysulfone		
	Code	Connection Material				
	1	SS316				
	Code	Process Connection in Female				
	A	3/8" NPT (L=150mm)				
	B	1/2" NPT (L=150mm)				
	C	3/4" NPT (L=150mm)				
	Code	Flow Direction				
	BT	Bottom to Top				
	TB	Top to Bottom				
	RL	Right to Left				
	LR	Left to Right				
SF300						Complete ordering code

FLOW



USKON AKIŞKAN KONTROL SİSTEMLERİ SANAYİ VE TİCARET LTD. ŞTİ.

Kemankeş Kara MustafaPaşa Mah. Ağaç Tulumba Sok. No: 4/A Karaköy / İstanbul Tel: +90 (212) 251 05 05 Fax: +90 (212) 251 05 79 info@us-kon.com.tr