PLASTIC FLOW METER

SF200 Spring Type

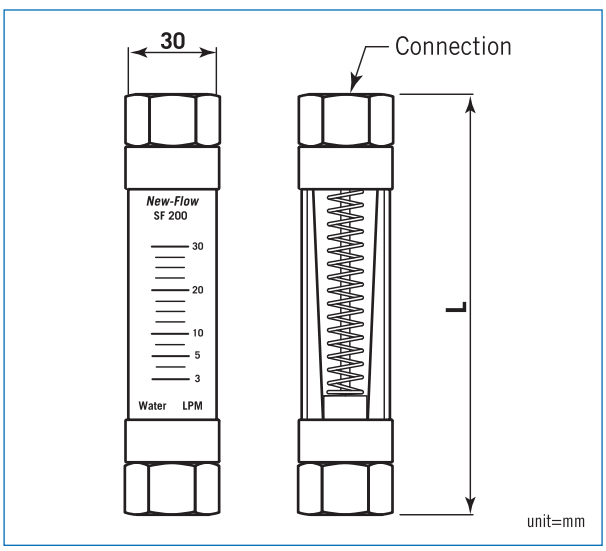
– With alarm switch type, Weather proof IP65
– Without alarm switch type



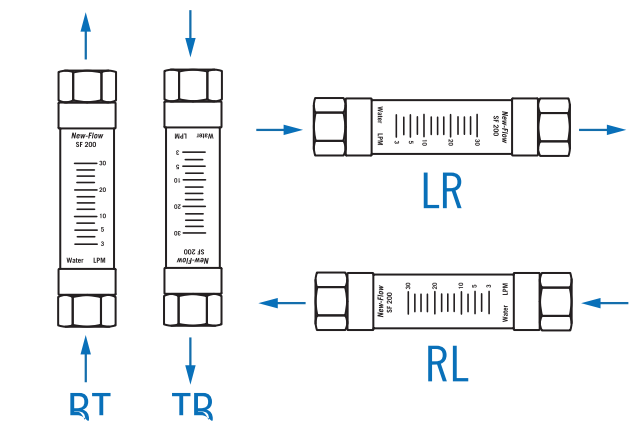
Technical Data

Service: Liquid, Oil
Wetted parts material:
Body: Polycarbonate (P.C); Polysulfone (PSU) available
O-ring: Viton
Float: –Magnet cover with PPS plastic
–If the liquid temperature > 80°C, the float coating should be PVDF
Connection: SS316; Plastic (PP, PVC, PVDF)
Spring: SS316
Connection size: 3/8", 1/2", 3/4"NPT female available
Mounting: Vertical and Horizontal available; various flow directions
Pressure limits: 300psig (20bar) @100°F (38°C)
Temperature limits:
–PC body tube with SS316 or PVDF connection: -5°C ~ +80°C
–PC body tube with PP or PVC connection: -5°C ~ +54°C
–PSU body tube with SS316 connection: -5°C ~ +120°C
–PSU body tube with PVDF connection: -5°C ~ +120°C
Accuracy: ±5% full scale
Alarm switch: One setting point, form A N.O. type bistable switch
Switch rating: AC 125V 0.5A / DC 100V 10W / Max. DC 250V<1mA
Weight: approach 0.35kg (plastic)
(Contact setting point should be within 10% to 80% of F.S)

Dimensions



Flow Direction Types



Ordering Information

SF200	Code	Flow Range (LPM- Litter per Minute)		
	A	1~4 LPM	E	3~30 LPM
	B	1~10 LPM	F	5~50 LPM
	C	2~20 LPM		
	D	4~40 LPM		

Code	Alarm Switch
1R	One setting point
0	Without alarm

Code	Body Material
PC	Polycarbonate
PSU	Polysulfone

Code	Connection Material
	(1) SS316 (2) P.P (3) P.V.C (4) PVDF

Code	Process Connection in Female
A	3/8"NPT (L=134mm)
B	1/2"NPT (L=134mm)
C	3/4"NPT (L=162.5mm) (switch type not available)

Code	Flow Direction
BT	Bottom to Top
TB	Top to Bottom
RL	Right to Left
LR	Left to Right

SF200							Complete ordering code

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