

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

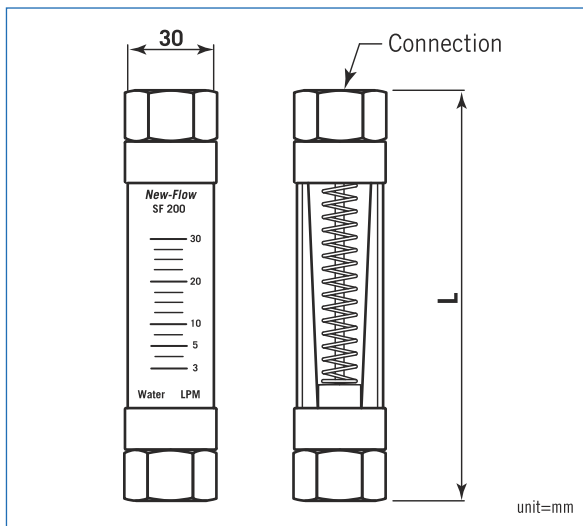
Switch rating: AC 125V 0.5A / DC 100V 10W / Max. DC 250V<1mA

Weight: approach 0.35kg (plastic)

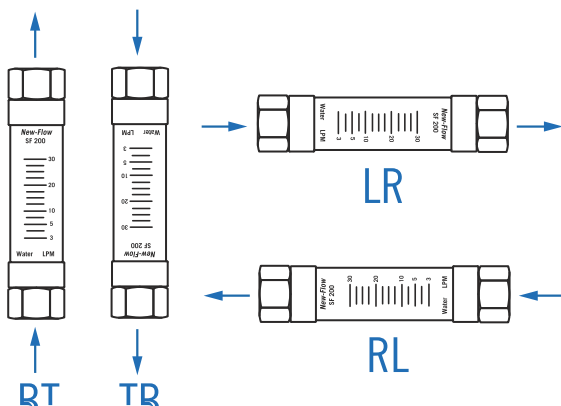
(Contact setting point should be within 10% to 80% of F.S)



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