

# PLASTIC FLOW METER

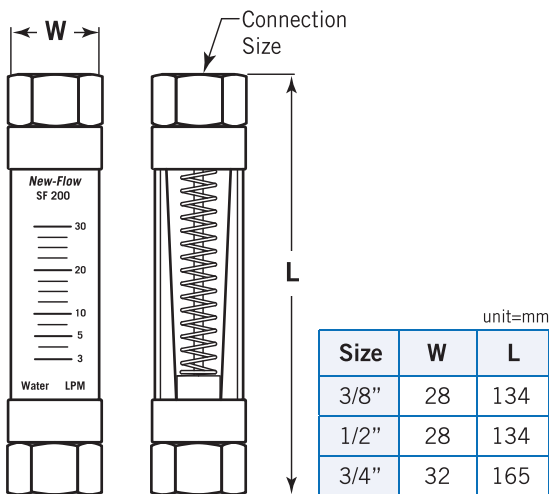
**SF200 Spring Type** – With alarm switch type, Weather proof IP65  
 – Without alarm switch type

## Technical Data

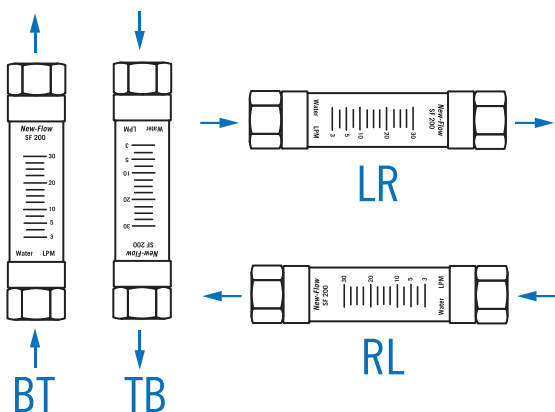
- Service:** Liquid, Oil
- Wetted parts material:**
- Body: Polycarbonate (P.C); Polysulfone (PSU) available
- O-ring: Viton
- Float: –Magnet cover with PPS plastic
- If the liquid temperature > 80°C, the float coating should be PVDF
- Connection: SS316
- Spring: SS316
- Connection size:** 3/8", 1/2", 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 connection: -5°C ~ +80°C
- PSU body tube with SS316 connection: -5°C ~ +110 °C
- Accuracy:** ±5% full scale
- Alarm switch:** One setting point, form A N.O. type bistable reed switch
- Switch rating:** AC 125V 0.5A / DC 100V 10W / Max. DC 250V<40mA
- 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 [Water-LPM (Litter per Minute) & GPM (Gallon (us) per Minute)]				
	<b>A</b>	1~4 LPM	<b>E</b>	3~30 LPM	<b>I</b>	0.5~5 GPM
	<b>B</b>	1~10 LPM	<b>F</b>	5~50 LPM	<b>J</b>	0.8~8 GPM
	<b>C</b>	2~20 LPM	<b>G</b>	0.1~1 GPM	<b>K</b>	1~10 GPM
	<b>D</b>	4~40 LPM	<b>H</b>	0.25~2.5 GPM	<b>L</b>	1.3~13 GPM
	<b>Code</b>	<b>Alarm Switch</b>				
	<b>1R</b>	One setting point				
	<b>0</b>	Without alarm				
	<b>Code</b>	<b>Body Material</b>				
	<b>PC</b>	Polycarbonate				
	<b>PSU</b>	Polysulfone				
	<b>Code</b>	<b>Connection Material</b>				
		(1) SS316				
	<b>Code</b>	<b>Process Connection in Female</b>				
	<b>A</b>	3/8"NPT (L=134mm)				
	<b>B</b>	1/2"NPT (L=134mm)				
	<b>C</b>	3/4"NPT (L=165mm) (switch type not available)				
	<b>Code</b>	<b>Flow Direction</b>				
	<b>BT</b>	Bottom to Top				
	<b>TB</b>	Top to Bottom				
	<b>RL</b>	Right to Left				
	<b>LR</b>	Left to Right				
<b>SF200</b>						<b>Complete ordering code</b>