

# PLASTIC FLOW METER

**VF200** – With alarm switch type, Weather proof IP65  
– Without alarm switch type

## Technical Data

**Service:** Water, Air

**Wetted parts material:**

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

O-ring: Viton

Float: –magnet cover with Polypropylene (P.P) or SS316

–If the liquid temperature > 80°C, the float coating should be PVDF

Connection: SS316

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

**Mounting:** Vertical position

**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 switch

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

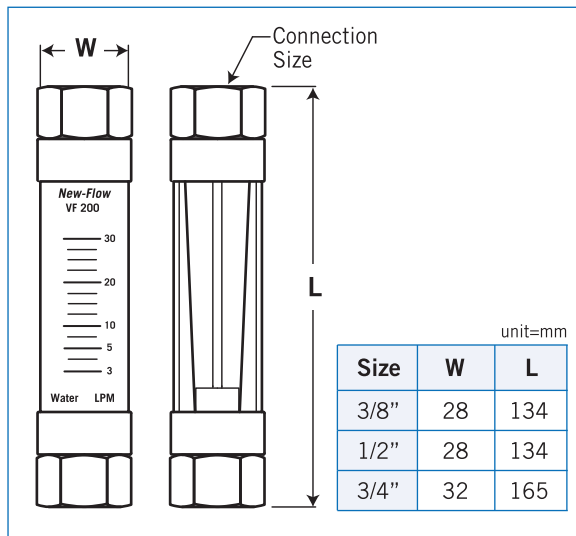
**Weight:** approach 0.35kg (plastic)

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

Approvals:



## Dimensions



## Flow Direction Types



## Ordering Information

VF200	Code	Flow Range	
↓	<b>A-1</b>	Water (LPH-Litter per Hour)	
		(1) 6~60 (2) 12~120 (3) 25~200 (4) 40~300	
	<b>A-2</b>	Water (LPM-Litter per Minute)	
		(5) 0.1~1 (6) 0.2~2 (7) 0.6~5 (8) 0.5~3 (9) 1~10	
	<b>B</b>	Air (LPM-Normal Litter per Minute)	
		(10) 6~30 (11) 6~60 (12) 10~100 (13) 15~150 (14) 30~300	
	<b>C-1</b>	Water (GPH-Gallon (us) per Hour)	
		(15) 3~15 (16) 5~30 (17) 7~50 (18) 10~80	
	<b>C-2</b>	Water (GPM-Gallon (us) per Minute)	
		(19) 0.15~1.3 (20) 0.3~2.5	
	<b>D</b>	Air (SCFM-Standard Cubic Feet per Minute)	
		(21) 0.1~1 (22) 0.2~2 (23) 0.35~3.5 (24) 0.5~5 (25) 1~10	
		<b>Code</b>	<b>Alarm Switch</b>
		<b>1R</b>	One setting point      0      Without alarm
		<b>Code</b>	<b>Body Material</b>
		<b>PC</b>	Polycarbonate      PSU      Polysulfone
		<b>Code</b>	<b>Connectoin 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>VF200</b>		<b>Complete ordering code</b>	