

# PLASTIC FLOW METER

## VF300 with alarm switch type without alarm switch type

### Technical Data

**Service:** Water, Air

**Wetted Parts Material:**

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

O-Ring: Viton

Float: SS316

Connection: SS316

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

**Mounting:** Vertical position

**Max. Working Pressure Limit:** 1.2 MPa (12 kg/cm<sup>2</sup>)

**Max. Test Pressure:** 2.0 MPa (20 kg/cm<sup>2</sup>) (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)

**Approvals:**



**Original Type**

**Fixed Type**

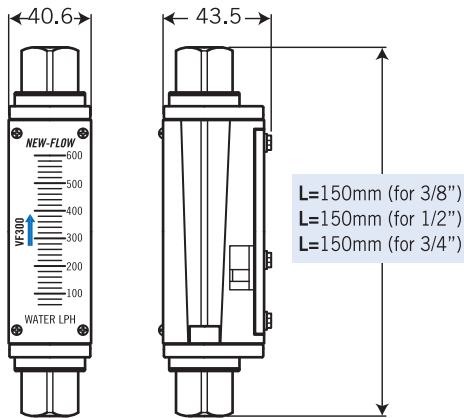
### Flow Direction Type



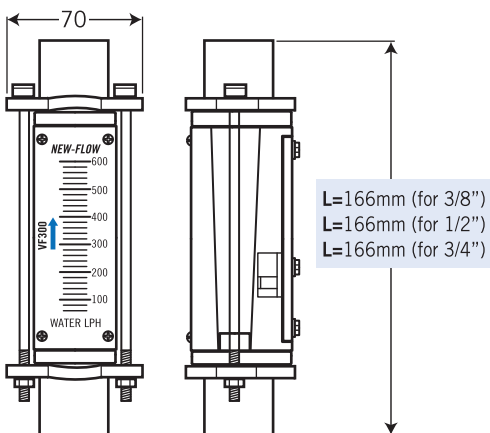
BT

### Dimensions-mm

#### VF-300-G: Original Type



#### VF-300-F: Fixed Type



如果開關的動作「不是↑ON」，請先與廠商聯繫。  
If the alarm switch is Not ↑ON, please contact with the manufacturer at the first.

### Ordering Information

VF300	Code	Type
	G	Original Type
	F	Fixed Type
	<b>Code</b>	<b>Flow Range</b>
	A-1	Water (LPH-Litter per Hour) (1) 5~50 (2) 6~60 (3) 12~120 (4) 20~200 (5) 30~300 (6) 60~600
	A-2	Water (LPM-Litter per Minute) (7) 0.1~1 (8) 0.2~2 (9) 0.3~3 (10) 0.5~5 (11) 1~10
	B	Air (LPM-Normal Litter per Minute) (1) 3~30 (2) 6~60 (3) 12~120 (4) 18~180 (5) 40~400
	C-1	Water (GPH-Gallon (us) per Hour) (1) 1.2~12 (2) 1.5~15 (3) 3~30 (4) 5~50 (5) 8~80
	C-2	Water (GPM-Gallon (us) per Minute) (6) 0.12~1.2 (7) 0.25~2.5
	D	Air (SCFM-Standard Cubic Feet per Minute) (1) 0.1~1 (2) 0.2~2 (3) 0.4~4 (4) 0.6~6 (5) 1.4~14
	<b>Code</b>	<b>Alarm Switch (Standard ↑ON)</b>
	1R	One setting point
	2R	Two setting point
	O	Without alarm
	<b>Code</b>	<b>Body Material</b>
	PC	Polycarbonate
	PSU	Polysulfone
	<b>Code</b>	<b>Connection Material</b>
	1	SS316
	<b>Code</b>	<b>Process Connection (Female)</b>
	(A)	3/8" NPT
	(B)	1/2" NPT
	(C)	3/4" NPT
	<b>Code</b>	<b>Flow Direction</b>
	BT	Bottom to Top
VF300		Complete Ordering Code