ACRYLIC PLASTIC FLOW METER

Approvals:

VF100 *with alarm switch type*
without alarm switch type

Technical Data

Service: Water, Air
Wetted Parts Material: Body: Acrylic plastic; O-Ring: Viton; Float: magnet cover with Polypropylene (P.P or SS316)
Connection Material: SS316
Connection Size: 3/8", 1/2", 3/4" NPT female available
Mounting: Vertical position
Temperature & Pressure Limits: 150 psig (10bar) @100°F(38°C)
Temperature Limit: -24°C~+54°C
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: 0.45~0.5 kg
(Contact setting point should be within 10% to 80% of FS)

Flow Direction Types



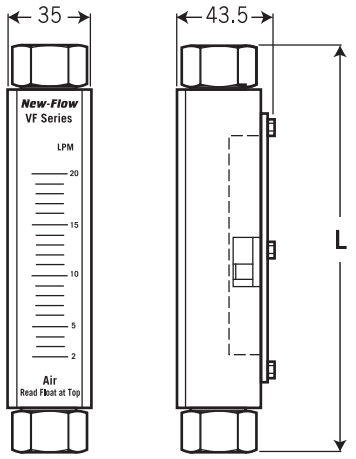
BT



Original Type *Strong Type* *Fixed Type*

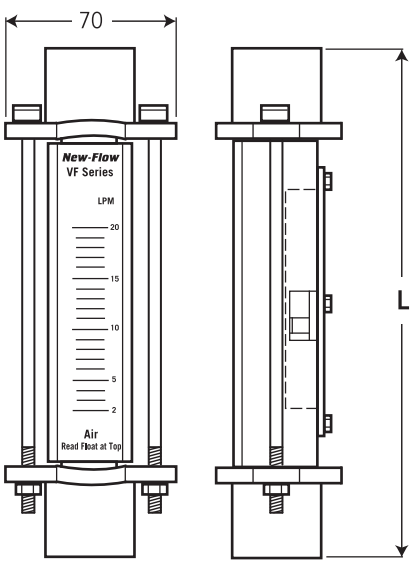
Dimensions-mm

VF-100-G: Original Type



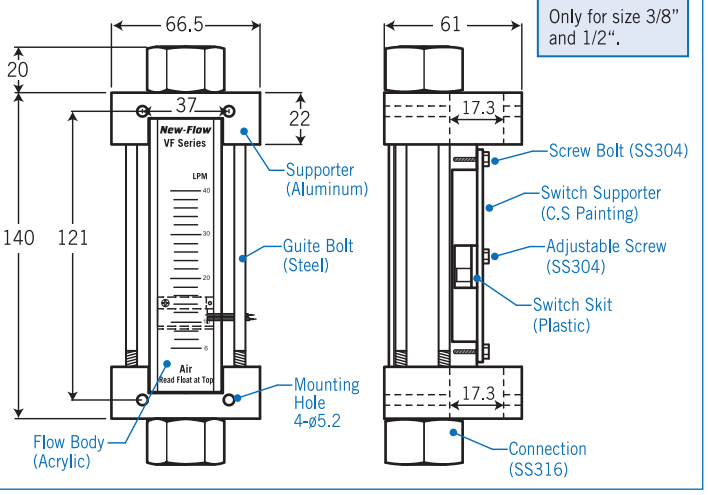
L=150mm (for 3/8")
L=150mm (for 1/2")
L=150mm (for 3/4")

VF-100-F: Fixed Type



L=166mm (for 3/8")
L=166mm (for 1/2")
L=166mm (for 3/4")

VF-100-S: Strong Type



NOTE.
Only for size 3/8" and 1/2".

Ordering Information

VF100	Code	Type				
	G	Original Type	S	Strong Type	F	Fixed Type

Code	Flow Range(LPM-Litter per Minute)
A-1	Water (LPH-Litter per Hour) (1) 6~60 (2) 14~140 (3) 25~250 (4) 36~360
A-2	Water (LPM-Litter per Minute) (5) 0.1~1 (6) 0.2~2 (7) 0.4~4 (8) 0.6~6 (9) 1~10
B	Air (LPM-Normal Litter per Minute) (10) 2~20 (11) 6~60 (12) 12~120 (13) 20~200 (14) 40~400

Code	Alarm Switch		
1R	One setting point	2R	Two setting point
O	Without alarm		

Code	Process Connection (Female)
	(A) ⅜"NPT (B) ½"NPT (C) ¾"NPT

Code	Flow Direction
BT	Bottom to Top

VF100						Complete Ordering Code

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