

PLASTIC FLOW METER

VF350 with alarm switch type
without alarm switch type

Approvals:



Technical Data

Service: Liquid, Air

Wetted parts material:

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

O-ring: Viton

Float: SS316

Connection: SS316

Connection size: ¾", 1", 1¼", 1½" NPT female available

Mounting: Vertical position

Max. working pressure limit: 1.2 MPa (12 kg/cm²)

Max. test pressure: 2.0 MPa (20 kg/cm²) (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 setting point,
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)



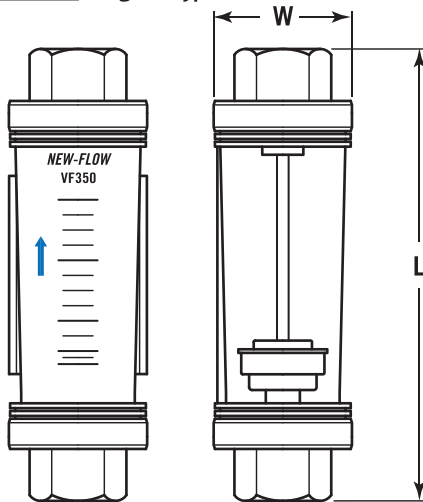
Fixed Type



Original Type

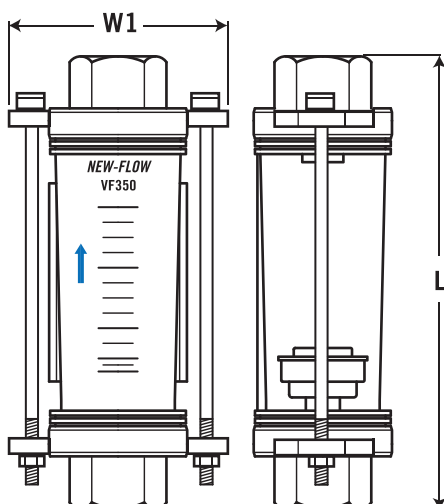
Dimensions-mm

VF-350-G: Original Type



Size (NPT)	L (mm)	W (mm)
¾"	165.5	55
1"	165.5	55
1¼"	175	60
1½"	175	60

VF-350-F: Fixed Type



Size (NPT)	L (mm)	W1 (mm)
¾"	165.5	85
1"	165.5	85
1¼"	175	92
1½"	175	92

Flow Direction Types



Ordering Information

VF350	Code	Type
	G	Original Type
	F	Fixed Type
	Code	Flow Range
	A	Air, 100~600 LPM (Normal Litter per Minute)
	B	Water, 200~1000 LPH (Litter per Hour)
	C	Air, 250~1000 LPM (Normal Litter per Minute) (only for connection size 1¼" or 1½")
	D	Water, 500~2000 LPH (Litter per Hour) (only for connection size 1¼" or 1½")
	E	Air, 2~20 SCFM (Standard Cubic Feet per Minute)
	F	Water, 50~250 GPH (Gallon (us) per Hour)
	G	Air, 10~35 SCFM (Standard Cubic Feet per Minute) (only for connection size 1¼" or 1½")
	H	Water, 150~500 GPH (Gallon (us) per Hour) (only for connection size 1¼" or 1½")
	Code	Alarm Switch
	1R	One setting point
	O	Without alarm
	Code	Body Material
	PC	Polycarbonate
	PSU	Polysulfone
	Code	Connection Material
	1	SS316
	Code	Process Connection (Female)
	A	¾"NPT
	B	1"NPT
	C	1¼"NPT
	D	1½"NPT
	Code	Flow Direction
	BT	Bottom to Top

VF350									Complete Ordering Code
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