

ACRYLIC PLASTIC FLOW METER

VF100 with alarm switch type
without alarm switch type

Technical Data

Service: Water, Air

Wetted parts material: Body-Acrylic Plastic O-ring-NBR,
Float-magnet coating with Nickel

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

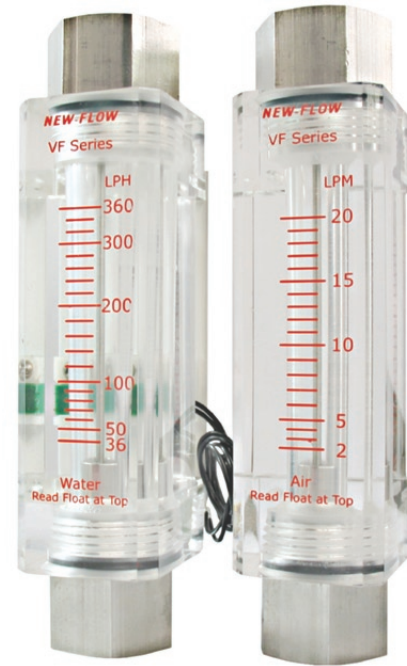
Accuracy: ±5% full scale

Alarm switch: one or two setting points, form A N.O. type bistable reed switch

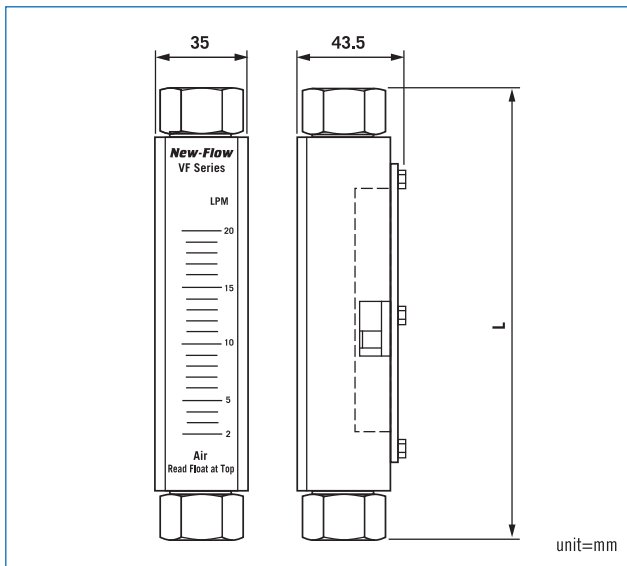
Switch rating: AC 125V 0.5A / DC 100V 10W / Max. DC 250V<1mA

Weight: 0.45~0.5 kg

(Contact setting point should be within 10% to 80% of FS)



Dimensions



Flow Direction Types



Ordering Information

VF100	Code	Flow Range
	A-1	Water (LPH - Litter per Hour) (1) 6~60 (2) 10~140 (3) 25~250 (4) 60~360
	A-2	Water (LPM - Litter per Minute) (5) 0.1~1 (6) 0.2~2 (7) 0.4~4 (8) 1~6 (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 points
	0	Without alarm
	Code	Process Connection in Female
	A	3/8"NPT (L=150mm)
	B	1/2"NPT (L=150mm)
	C	3/4"NPT (L=162mm)
	Code	Flow Direction
	BT	Bottom to Top
VF100		Complete ordering code