

ACRYLIC PLASTIC FLOW METER

With Alarm Switch DS SERIES *with needle valve type* *without needle valve type*

Technical Data

Service: Water, Air

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

Connecting material: SS316

Connecting size: 1/4", 3/8" NPT & 3/8"PT 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

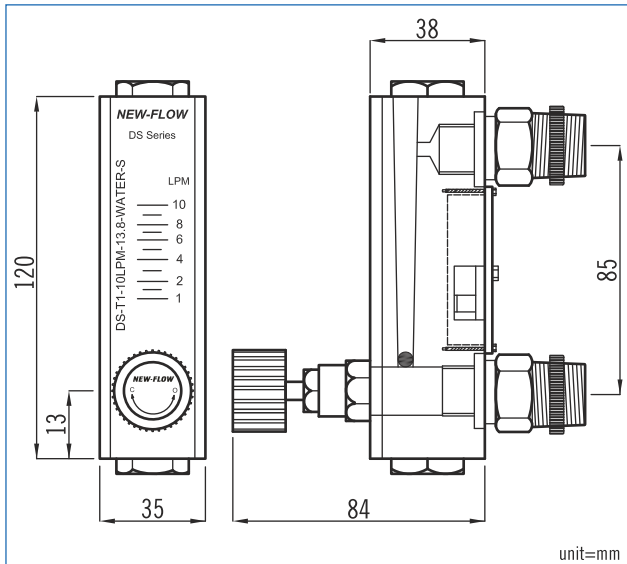
Switch rating: AC 125V 0.5A / DC 100V 10W / Max. DC 250V<1mA

Weight: 0.55~0.6 kg

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



Dimensions



Flow Direction Types



Ordering Information

DS	Code	Needle Valve	
	1	With	2 Without
		Code	Flow Range
		A-1	Water (LPH - Litter per Hour) (1) 2~180 (2) 25~250 (3) 30~300 (4) 40~500
		A-2	Water (LPM - Litter per Minute) (5) 0.35~3 (6) 0.4~4 (7) 0.5~5 (8) 0.8~8
		B	Air (LPM - Normal Litter per Minute) (9) 8~80 (10) 10~100 (11) 25~250
		Code	Alarm Switch
		1R	One setting point
		2R	Two setting points
		0	Without alarm
		Code	Process Connection
		A	1/4"NPT female
		B	3/8"NPT female
		C	3/8"PT female
		Code	Flow Direction
		BT	Bottom to Top
DS			