

# ACRYLIC PLASTIC FLOW METER

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

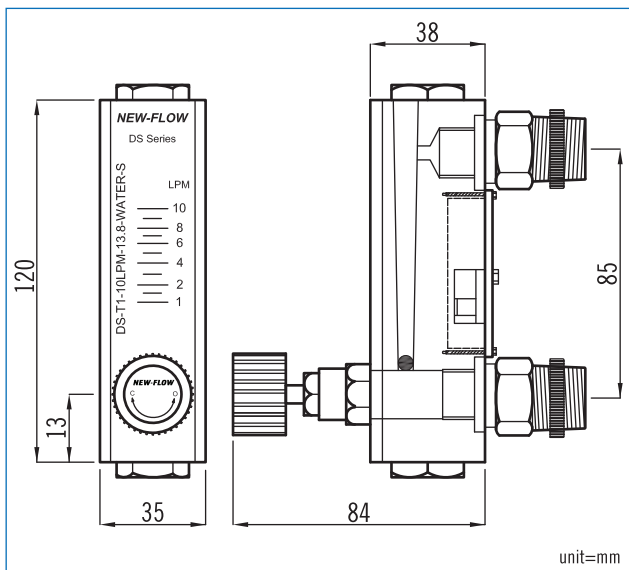
### Technical Data

- Service:** Water, Air
- Wetted parts material:** Body: Acrylic Plastic; O-Ring-Viton; Float-magnet cover with Nickel
- Connecting material:** SS316
- Connecting size:** 1/4", 3/8"NPT or 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 <40mA
- Weight:** 0.55~0.6 kg
- (Contact setting point should be within 10% to 80% of FS)

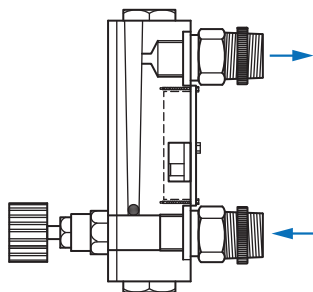
**Approvals:**



### Dimensions



### Flow Direction Types



Bottom Rear to Top Rear

### Ordering Information

DS	Code	Needle Valve	
		1	2
		With	Without
		<b>Code</b>	<b>Flow Range</b>
	<b>A-1</b>	Water (LPH-Litter per Hour)	
		(1) 20~180 (2) 25~250 (3) 30~300 (4) 50~500	
	<b>A-2</b>	Water (LPM-Litter per Minute)	
		(5) 0.35~3 (6) 0.4~4 (7) 0.5~5 (8) 0.8~8	
	<b>B</b>	Air (LPM-Normal Litter per Minute)	
		(9) 8~80 (10) 10~100 (11) 25~250	
	<b>C-1</b>	Water (GPH-Gallon (us) per Hour)	
		(12) 5~50 (13) 6.5~65 (14) 8~80 (15) 13~130	
	<b>C-2</b>	Water (GPM-Gallon (us) per Minute)	
		(16) 0.08~0.8 (17) 0.1~1 (18) 0.15~1.5 (19) 0.2~2	
	<b>D</b>	Air (SCFM-Standard Cubic Feet per Minute)	
		(20) 0.3~3 (21) 0.35~3.5 (22) 0.8~8	
		<b>Code</b>	<b>Alarm Switch</b>
	<b>1R</b>	One setting point	
	<b>2R</b>	Two setting points	
	<b>0</b>	Without alarm	
		<b>Code</b>	<b>Process Connection</b>
	<b>A</b>	1/4"NPT female	
	<b>B</b>	3/8"NPT female	
	<b>C</b>	3/8"PT female	
	<b>D</b>	1/4"PT female	
		<b>Code</b>	<b>Flow Direction</b>
	<b>BT</b>	Bottom rear to Top rear	
<b>DS</b>			<b>Complete ordering code</b>