

PLASTIC FLOW METER

AI.MDS



CE

TECHNICAL DATA

Service: Water, Air

Wetted parts material: Body, Polycarbonate (P.C.); O-ring: Viton; Float: SS316; Connection: SS316

Connection size: 1/4" and 3/8" NPT or PT (F) available

Mounting: Vertical position

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

Max. Test pressure: 2.0MPa (20kg/cm²) (water 25°C)

Max. working temperature limit: -10°C to 60°C (for PC body)

Accuracy: +/- 5% full scale

Alarm switch (standard ON): One setting point, form A N.O. type bistable reed switch

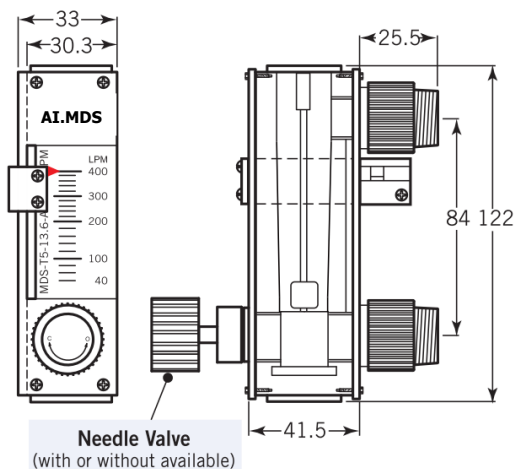
Switch rating: AC 125V 0.5 / DC 100V 10W / Max. DC 250V < 40mA

Weight: 0.3-0.4 kg (contact setting point should be within 10% to 80% of FS)

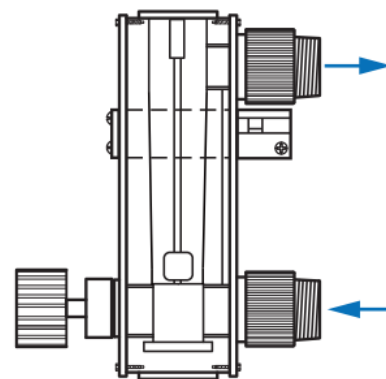
Needle valve: With or Without available

If the alarm switch is Not ON, please contact with the manufacturer at the first.

DIMENSION - mm

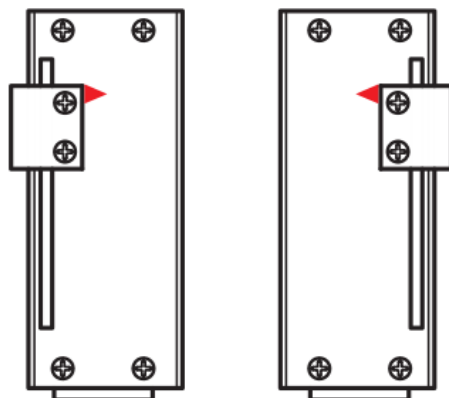


FLOW DIRECTION



Bottom Rear to Top Rear

ALARM SWITCH POSITION



Left Side

Right Side

ORDERING INFORMATION

MDS	Code	Flow Range	
	A	Air-LPM (Normal Litter per Minute)	
	(1) 8~80LPM (2) 10~100LPM (3) 15~150LPM (4) 25~250LPM (5) 40~400LPM		
	B	Water-LPM (Litter per Minute)	
	(6) 0.2~2LPM (7) 0.3~3LPM (8) 0.5~5LPM (9) 0.8~8LPM		
	C	Water-LPH (Litter per Hour)	
	(10) 20~200LPH (11) 30~300LPH (12) 50~500LPH		
	D	Air-SCFM (Standard Cubic Feet per Minute)	
	(13) 0.35~3.5SCFM (14) 0.5~5SCFM (15) 1~10SCFM (16) 1.5~15SCFM		
	E	Water-GPM (Gallon(us) per Minute)	
	(17) 0.08~0.8GPM (18) 0.15~1.5GPM (19) 0.2~2GPM		
	F	Water-GPH (Gallon(us) per Hour)	
	(20) 5~50GPH (21) 8~80GPH (22) 15~150GPH		
	G	Water-LPM (Litter per Minute)	
	(23) 1~10 LPM		
		Code	Body Material
		PC	Polycarbonate
		Code	Connection Material
		S	SS316
		Code	Process Connection
		A	3/8"NPT female
		B	3/8"PT female
		C	1/4"PT female (only for Air with 100LPM or 150LPM)
		D	1/4"NPT female (only for Air with 100LPM or 150LPM)
	Code	Alarm Switch Position	
	L	Left Side	
	R	Right Side	
	O	Without Switch	
	Code	Flow Direction	
	BT	Bottom Rear to Top Rear	
	Code	Needle Valve	
	V	With	
	N	Without	
MDS			
		Complete Ordering Code	



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Company with
Certificate of Quality
System ISO 9001:2015
Cert n°38785/19/S