PLASTIC TUBE FLOW METER MPF200

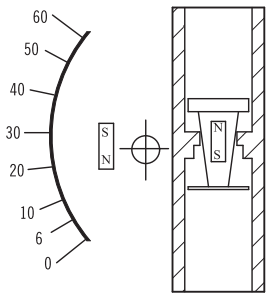
Technical Data

Service: Air, gases, water, waste water and other liquid
Material: Case–SS316; Body–PVC, CPVC; Float–SS316
Indication: via magnetic coupling (no seals)
Scales: calibrated in l/h, m³/h, kg/h, %
Flow rate: water–0.4 l/h up to 1,000 l/h,
Air–21 NL/h up to 30,000 NL/h
Connection types: Thread BSP, NPT
Max. working temperature: PVC – 40°C; CPVC – 0°C~60°C
Max. working pressure: Standard 20 kg/cm²;
other options upon request
Connection size: ¼" ~ ½" NPT or BSP
Protection class: IP65
Accuracy: ± 2% FS (± 1.6% FS option)



CE

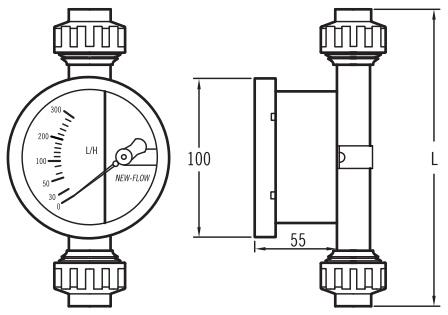
Principle



Dimensions

MPF200-S
Basic Model: Thread Connection

Model: MPF200-S



* L: Please refer to the *Standard Scales*. unit: mm

Standard Scales

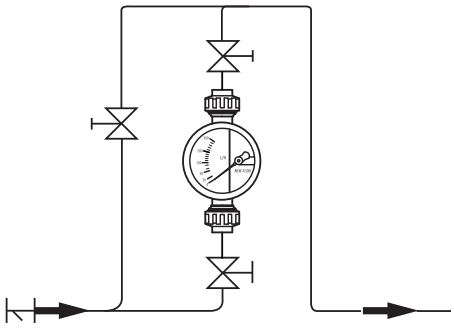
A. Float Material: SS316

Tube	L/H 20°C Water	NL/H Air 20°C 1.013 bar	ΔPmm Water	BSP/NPT	Thread Type L (mm)	Accuracy (NOTE 1.)
MPF2001	0.4 ~ 4	21 ~ 210	340	1/2"	158	±6% F.S
MPF2002	0.6 ~ 6	33~330	340	1/2"	158	±3% F.S
MPF2003	1 ~ 10	48~480	340	1/2"	158	±2% F.S
MPF2004	1.5 ~ 15	60~600	340	1/2"	158	±2% F.S
MPF2005	2 ~ 20	72~720	340	1/2"	158	±2% F.S
MPF2006	3 ~ 30	90~900	340	1/2"	158	±2% F.S
MPF2007	5 ~ 50	120~1200	340	1/2"	158	±2% F.S
MPF2008	6 ~ 60	180~1800	340	1/2"	158	±2% F.S
MPF2009	10 ~ 100	300~3000	340	1/2"	158	±2% F.S
MPF2010	15 ~ 150	500~5000	340	1/2"	158	±2% F.S
MPF2011	25 ~ 250	750~7500	340	1/2"	158	±2% F.S
MPF2012	40 ~ 400	1200~12000	340	1/2"	158	±2% F.S
MPF2013	60 ~ 600	1800~18000	340	1/2"	158	±2% F.S
MPF2014	75~750	2000~20000	340	1/2"	175	±2% F.S
MPF2015	100 ~ 1000	3000~30000	340	1/2"	175	±2% F.S

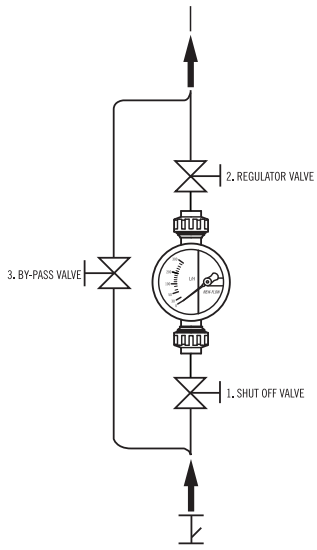
NOTE.
1. The accuracy ±6% F.S for tube MPF2001; The accuracy ±3% F.S for tube MPF2002. The accuracy ±2% F.S for tube MPF2003~MPF2015 and option ±1.6% F.S on request.
2. Performance Technical Data are effective with date of issue and are subject to change without prior notice.

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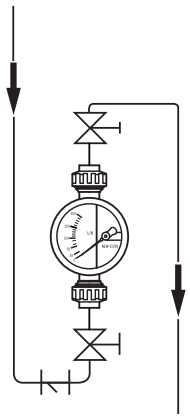
Installation



HORIZONTAL FLOW DIRECTION



UP FLOW DIRECTION



FALLING FLOW DIRECTION

SPECIAL NOTE
No minimum length requirement for straight pipe.

Ordering Information

MPF200	Code	Connection
	S	Thread connection

Code	Type
G	Indicating only

Code	Alarm
0	Without alarm switch

Code	Body material
	(A) PVC (B) CPVC

Code	Float & Wetted part material
A	SS316

Code	Connection rating
0	Thread connection

Code	Connection size
4B	1/4" BSP (Female)
4N	1/4" NPT (Female)
2B	1/2" BSP (Female)
2N	1/2" NPT (Female)

Code	Protection Class
IP	IP65

Code	Fluid
G	Gas
L	Liquid

Code	Range
S	Standard range
	Please directly fill out the flow range in the order code.

MPF200							+				Complete ordering code

NOTE:
1. Custom-made flow range and flange size upon request.
2. Please fill in the ordering information and service condition, and fax this sheet along with your inquiry to 886-7-8225588.

Special instruction, if any:

_____

_____

_____

Service Condition:

Fluid name: _____

Sp. Gr. (density): _____

Viscosity: _____

Press.: _____

Temp.: _____

Full scale: _____

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