

GENERAL

FA-5000 FLOW MONITOR is a flow meter for water flow measurement with very simple construction. By the position of float and scale graduation, flow rate of water is directly indicated. The float is held by spring and FA-5000 can be installed onto any flow direction lines.

Acryl tube indicator is supported by metallic support and FA- 5000 is durable against piping stress and other tough installation conditions.

STANDARD SPECIFICATIONS

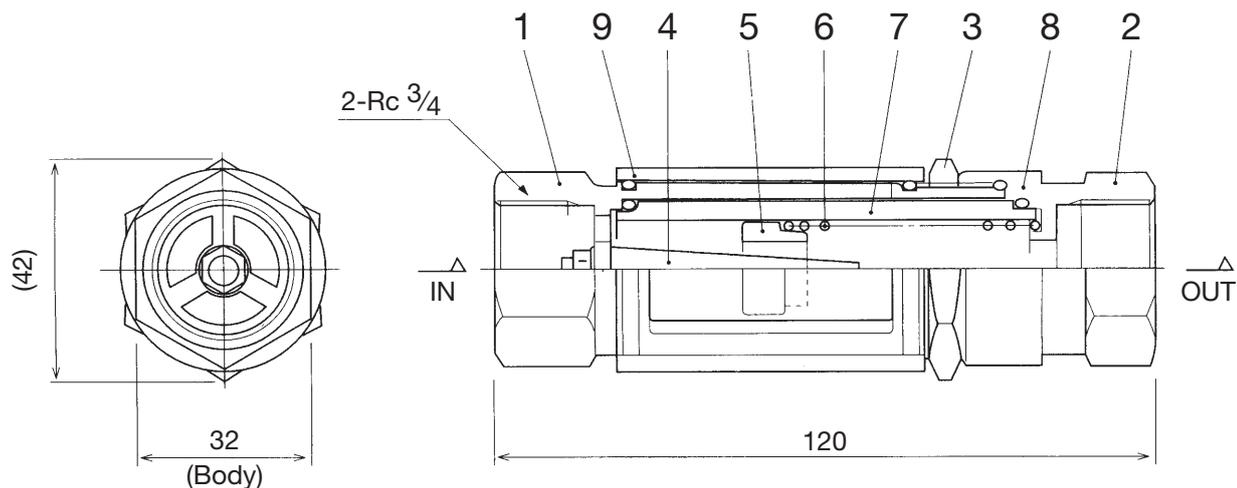
- Measuring fluid : Water
(Manufacturing assumption is a fluid with a density of 1.0 g/cm³ and a viscosity of 1.0 mPa·s regardless of temperature.)
- Fluid press : Max. 0.8MPa
- Fluid temp. : Max. 50°C
Max. 80°C for the glass pipes
It is general data, and the maximum temperature may change by terms of use and environment.
- Flow range : (1) 1 to 10 L/min
(2) 2 to 20 L/min
(3) 3 to 30 L/min
(4) 4 to 40 L/min
(5) 10 to 50 L/min
- Connection : Rc 3/4
- Flow direction : Left to Right, Right to Left Bottom to Top, Top to Bottom
- Accuracy : ±5% F.S.



MODEL CODE

FA-5		3	0	Description
Flow range	3			1 to 10 L/min
	4			2 to 20 L/min
	5			3 to 30 L/min
	6			4 to 40 L/min
	7			10 to 50 L/min
	9			Special
Connection	3			Rc 3/4
Alarm function		0		Not provided

DIMENSION AND MATERIAL



Approx. weight 380g

MATERIAL

No.	Parts name	Material
1	INLET	SCS13
2	OUTLET	SCS13
3	LOCK NUT	SUS304
4	CONE	SUS304
5	FLOAT	POM
6	SPRING	SUS304
7	PIPE	ACRYL*
8	O-RING	NBR
9	COVER	ACRYL

* Glass pipes are available on request.

* SUS316 may be used instead of SUS304.

* ASTM or AISI materials equivalent to JIS materials may be used.

PRESSURE LOSS

Max. flow rate (L/min)	Pressure loss (kPa)
10	40
20	50
30	100
40	125
50	115

* Specification is subject to change without notice.

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