

F10- 168mm middle size pipe size 1/2"



// Product Features·Use

- 4 design innovations to improve usability:
New body design: Decreases the vibration when working which stabilises flow distribution./New indicator design: Easily adjustable and positionable./Thickened threads for caps: Caps are easy to be locked even under bad concentricity./ Models with and without guide rods are able to share the same adaptors.
- Patented dual-indicator design for easy and clear flow range management.
- Laser engraved degree scales provide better readability and longer life.
- Available in customizable units, temperature, and molecular weight.

// Standard Specs

- Model: F10PC, F10PSU, F10H PSU
- Adaptor Size: 1/2"
- Applicable Fluid: Liquid
- Flow direction: From the bottom up
- Fluid Temperature: 50°C (Standard: UPVC adaptor), 60°C (PP adaptor), 70°C (PVDF adaptor)
- Working Pressure: 5.0 kg/cm² MAX
- Full Scale Accuracy: ±5% F.S.

• Product Material

Body - PC, PSU
Float - Stainless 316, Hastelloy C
Guide Rod - Stainless 316, Ti, Hastelloy C
Guide Rod Bottom - PP, Strengthened Fiberglass(FRPP)
Adaptor - Welding Type: UPVC
Male, Female Thread: UPVC, PVDF
Butt-fusion Adaptor: PP
Union Nuts - UPVC, Aluminum
O-ring - EPDM, VITON

• Adaptor Material

Welding Type, Male Thread, Female Thread,
Butt-fusion Adaptor

// Scale Range

Product Code	Scale Range ※ 1 ※ 2 (L/min)
F10-2LPM	0.2-2.0/S, H Teflon※3
F10-4LPM	0.4-4.0/S,H
F10-5LPM	0.5-5.0/S,H
F10-10LPM	1.0-10/S,H
F10-15LPM	1.5-15/S,H
F10-20LPM	2.0-20/S,H

- ※ 1.Liquid flow meters are calibrated for 20°C water.
- ※ 2." / "float material, S- Stainless 316, H- Hastello C.
- ※ Please contact our sales before ordering F101-2LPM (unstandardized items.)

// Maximum working temperature for different adaptor materials

Adaptor Types	Maximum working temperature materials		
	~ 50°C	~ 60°C	~ 70°C
Welding Type	UPVC	-	-
Male / Female Thread	UPVC	-	PVDF
Butt-fusion Adaptor	-	PP	-

- ※ When maximum working temperature is over 50°C, the material for guide rod bottom and union nuts have to be PSU and aluminium.

※ BSPT is standard thread type. NPT is available for custom order.

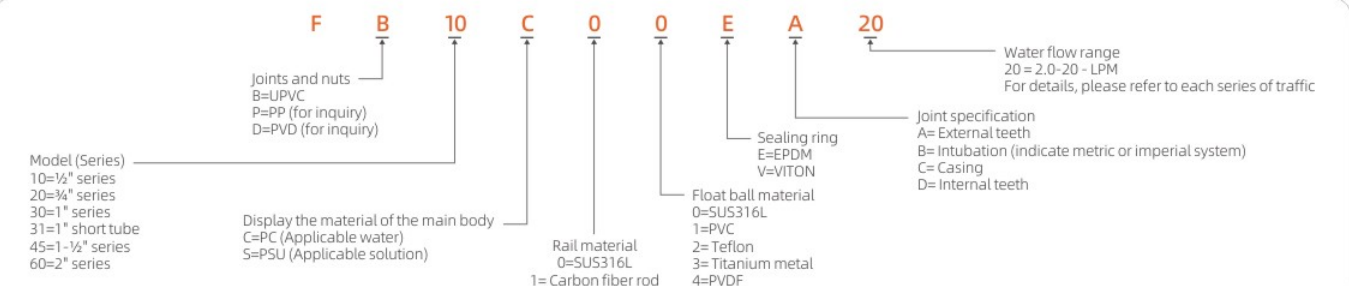
// Parts Material



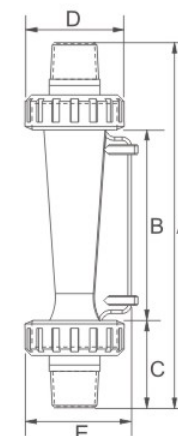
No.	Series	Material (Main material)※			
		1	2	3	4
1	Body	PC	PC	PSU	PSU
2	Float	S316	S316	Hastelloy C	Hastelloy C
3	Guide Rod	S316	S316	Ti	Hastelloy C
4	Pointer	PP	PP	PP	PP
5,12	Union Nuts	UPVC	UPVC	UPVC	Aluminum
6,11	Adaptor	UPVC	UPVC	UPVC	UPVC
7,10	O-ring	EPDM	VITON	VITON	VITON

※ Material for different parts is optional for each flowmeter.

// Order Selection Table



// Parts Size



Adaptor Spec	A	B	C	D	E
1/2" Male Thread	164	85	39.5	43	49.5
1/2" Female Thread	166	85	40.5	43	49.5
1/2" CNS	166	85	40.5	43	49.5
1/2" ASTM	166	85	40.5	43	49.5
1/2" JIS	166	85	40.5	43	49.5
1/2" PVDF Female Thread	166	85	40.5	43	49.5

※ Unit: mm