

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

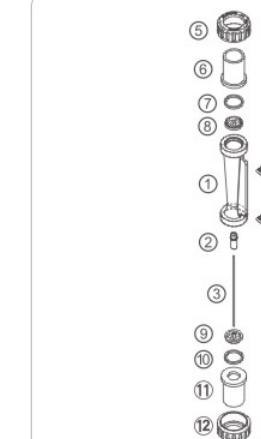
Product Code	Scale Range ✕ 1 ✕ 2 (L/min)
F10-2LPM	0.2-2.0/S, H Teflon ✕ 3
F10-4LPM	0.4-4.0/S,H
F10-5LPM	0.5-5.0/S,H
F10-10LPM	1.0-10/S,H
F10-15LPM	1.5-15/S,H
F10-20LPM	2.0-20/S,H

- ✖ 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

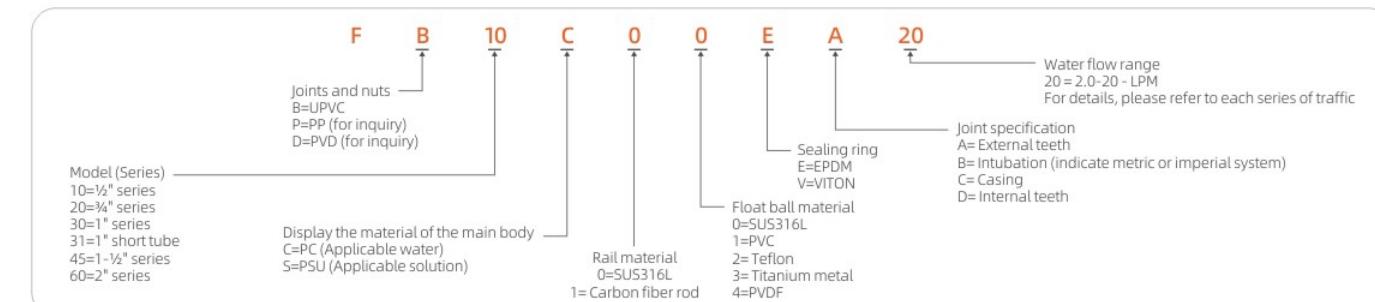
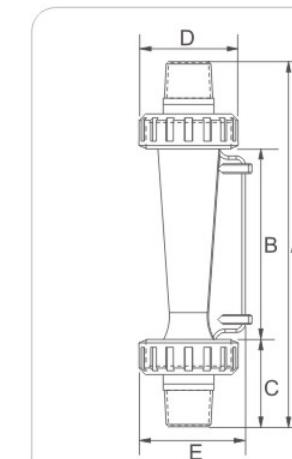
Adaptor Types	Maximum working temperature materials		
	~ 50°C	~ 60°C	~ 70°C
Welding Type	UPVC	-	-
Male / Female Thread	UPVC	-	PVDF
Butt-fusion Adaptor	-	PP	-

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

// 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