

PF

PLASTIC FLOW METER

SIZE

1/2 inch
1
2 inch

CONNECTION

Thread
Flange

FLUID

Air
Water

SPECIFICATION

MODEL

PF (without guide rod)

APPLICATION

Air, Water

SIZE

1/2 ~ 2 inch

PROCESS CONNECTION

PT Female Thread
JIS 10K FF Flange

ACCURACY

< 3% F.S.

MATERIAL

Body : Polycarbonate (PC), Polysulfone (PSU)
Float : PTFE, SS316
Connection & Union Nut : PVC
Stop Bar : PVDF / O-Ring : FKM

MAX. PRESSURE

12 Bar (@25°C)

FLUID TEMPERATURE

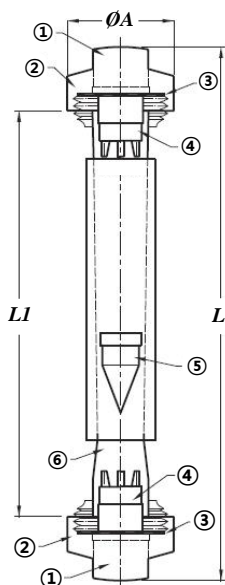
PC Body : -10...+60°C (max. 6 Bar@60°C)
PSU Body : -10...+110°C (max. 1 Bar@100°C)

FLOW DIRECTION

Bottom to Top



DIMENSIONS & PARTS LIST MATERIAL



► Dimensions

Body Size	ØA	L	LI
A Tube - 1/2"	41	233	172
B Tube - 1/2"	52	346	263
C Tube - 3/4"	74	368	272
D Tube - 1" & 1-1/2"	79	370	272
E Tube - 1-1/2" & 2"	99	385	262
F Tube - 2"	135	415	250

► Parts List Material

Item	Parts Name	Material
①	Process Connection	PVC
②	Union Nut	PVC
③	O-Ring	FKM
④	Stop Bar	PVDF
⑤	Float	PTFE, SS316
⑥	Flow Tube	PC, PSU

ORDERING RANGE CODE TABLE

A Tube - 1/2"		Flow Range	Float Material	Ordering Range Code
A1	Water	4 ~ 40 LPH	PTFE	4~40-LPH-Water-T-A1
		12 ~ 120 LPH	SS316	12~120-LPH-Water-SS-A1
	Air	2.5 ~ 25 NLPM	PTFE	2.5~25-NLPM-Air-T-A1
		6 ~ 60 NLPM	SS316	6~60-NLPM-Air-SS-A1
A2	Water	0.1 ~ 1 LPM	PTFE	0.1~1-LPM-Water-T-A2
		0.3 ~ 3 LPM	SS316	0.3~3-LPM-Water-SS-A2
	Air	10 ~ 100 NLPM	SS316	10~100-NLPM-Air-SS-A2
A3	Water	0.5 ~ 5 LPM	SS316	0.5~5-LPM-Water-SS-A3
	Air	12 ~ 120 NLPM	SS316	12~120-NLPM-Air-SS-A3

B Tube - 1/2"		Flow Range	Float Material	Ordering Range Code
B1	Water	0.6 ~ 6 LPM	SS316	0.6~6-LPM-Water-SS-B1
	Air	8 ~ 80 NLPM	PTFE	8~80-NLPM-Air-T-B1
		20 ~ 200 NLPM	SS316	20~200-NLPM-Air-SS-B1
B2	Water	0.3 ~ 3 LPM	PTFE	0.3~3-LPM-Water-T-B2
		1 ~ 10 LPM	SS316	1~10-LPM-Water-SS-B2
	Air	13 ~ 130 NLPM	PTFE	13~130-NLPM-Air-T-B2
		50 ~ 300 NLPM	SS316	50~300-NLPM-Air-SS-B2
B3	Water	0.5 ~ 5 LPM	PTFE	0.5~5-LPM-Water-T-B3
		1.5 ~ 15 LPM	SS316	1.5~15-LPM-Water-SS-B3
	Air	20 ~ 200 NLPM	PTFE	20~200-NLPM-Air-T-B3
		40 ~ 400 NLPM	SS316	40~400-NLPM-Air-SS-B3

C Tube - 3/4"		Flow Range	Float Material	Ordering Range Code
C1	Water	2.5 ~ 25 LPM	SS316	2.5~25-LPM-Water-SS-C1
		1 ~ 10 LPM	PTFE	1~10-LPM-Water-T-C1
	Air	70 ~ 700 NLPM	SS316	70~700-NLPM-Air-SS-C1
		40 ~ 400 NLPM	PTFE	40~400-NLPM-Air-T-C1
C2	Water	4 ~ 40 LPM	SS316	4~40-LPM-Water-SS-C2
		1.4 ~ 14 LPM	PTFE	1.4~14-LPM-Water-T-C2
	Air	100 ~ 1000 NLPM	SS316	100~1000-NLPM-Air-SS-C2
		60 ~ 500 NLPM	PTFE	60~500-NLPM-Air-T-C2

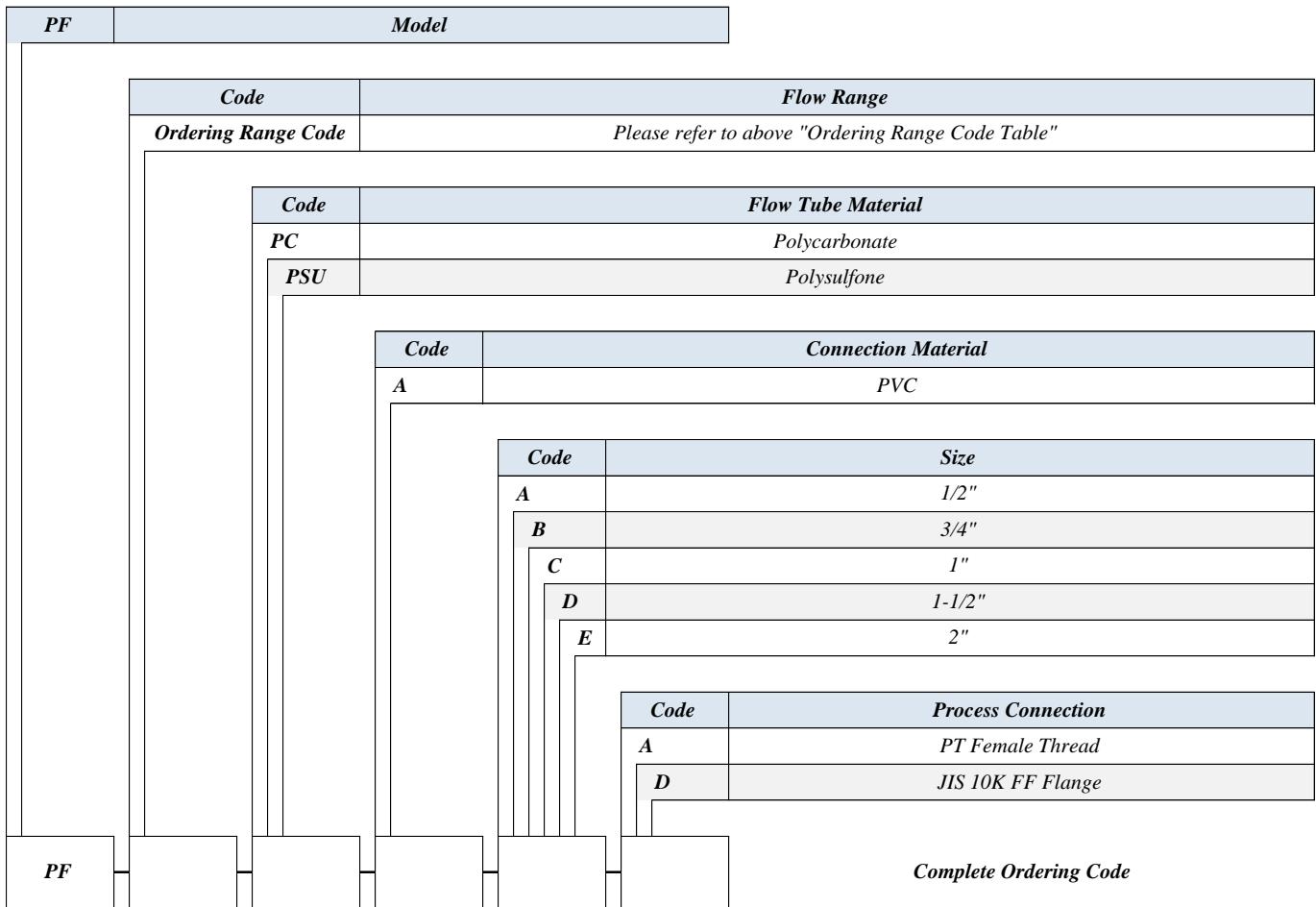
D Tube - 1" & 1-1/2"		Flow Range	Float Material	Ordering Range Code
D1	Water	6 ~ 60 LPM	SS316	6~60-LPM-Water-SS-D1
		2.5 ~ 25 LPM	PTFE	2.5~25-LPM-Water-T-D1
	Air	200 ~ 1800 NLPM	SS316	200~1800-NLPM-Air-SS-D1
		100 ~ 1000 NLPM	PTFE	100~1000-NLPM-Air-T-D1
D2	Water	8 ~ 80 LPM	SS316	8~80-LPM-Water-SS-D2
		3.5 ~ 35 LPM	PTFE	3.5~35-LPM-Water-T-D2
	Air	250 ~ 2500 NLPM	SS316	250~2500-NLPM-Air-SS-D2
		140 ~ 1400 NLPM	PTFE	140~1400-NLPM-Air-T-D2

| FLOW | | PRESSURE | | TEMPERATURE | | AC | | DC | | BATTERY | | OUTPUT | | CONTACT | | DISPLAY |

E Tube - 1-1/2" & 2"		Flow Range	Float Material	Ordering Range Code
E1	Water	14 ~ 140 LPM	SS316	14~140-LPM-Water-SS-E1
		8 ~ 60 LPM	PTFE	8~60-LPM-Water-T-E1
	Air	30 ~ 270 NM3/H	SS316	30~270-NM3/H-Air-SS-E1
		20 ~ 150 NM3/H	PTFE	20~150-NM3/H-Air-T-E1

F Tube - 2"		Flow Range	Float Material	Ordering Range Code
F1	Water	25 ~ 250 LPM	SS316	25~250-LPM-Water-SS-F11
F2	Water	30 ~ 300 LPM	SS316	30~300-LPM-Water-SS-F21
		100 ~ 500 LPM	SS316	100~500-LPM-Water-SS-F22
F3	Water	40 ~ 400 LPM	SS316	40~400-LPM-Water-SS-F31
		100 ~ 600 LPM	SS316	100~600-LPM-Water-SS-F32

ORDERING INFORMATION



| FLOW | | PRESSURE | | TEMPERATURE | | AC | | DC | | BATTERY | | OUTPUT | | CONTACT | | DISPLAY |