

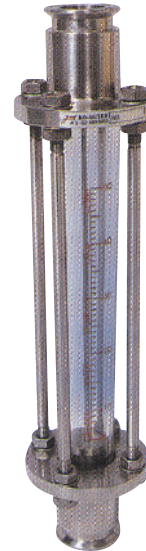
Sanitary type glass tube flowmeter

Model : F811

Spec. sheet no. FD08-11

Description

It is designed for sanitary applications in food, beverage and pharmaceuticals.



Specification

Process connection

Flanged
(Clamp type)

Pressure rating

Max. 7 kgf/cm²

Size

1S ~ 3S (IDF)

Temperature rating

Max. 80°C

Material

304SS
316SS

Accuracy

±2.0% of full scale

1. Base model**F811** Sanitary type glass tube flowmeter**2. Flow direction type****D1** Bottom and top**3. Line size**

S010 1S
S020 1½S
S030 2S
S040 2½S
S050 3S
XXXX Other

4. Flange rating and connection type**C010** Clamp type**5. Main material (See material table)**

B Body material / 304SS
C Body material / 316SS

6. Float material

A Acetal
4 304SS
5 316SS
T Teflon
O Other

7. Option

10 One point alarm
20 Two point alarm
NO None

1	2	3	4	5	6	7	
F811	D1	S010	C010	B	5	NO	Sample ordering code

Flow chart

		Standard flow rate water (m ³ /h)	Measuring range			Pressure loss (mmH ₂ O)		Pressure rating (kgf/cm ²)	Dimension (mm)
			Water (m ³ /h)	Air (Nm ³ /h)		H ₂ O	Air		L
Size	Float	304SS	304SS	PVC acetal teflon	Aluminium 304SS				
	1S	50.5	0.35 ~ 3.5	0.15 ~ 1.5 0.4 ~ 4	1 ~ 10 4 ~ 40	1.5 ~ 15 6 ~ 60	250	40	7
1½S	50.5	0.8 ~ 8	0.35 ~ 3.5 1 ~ 10	2 ~ 20 8 ~ 80	3 ~ 30 10 ~ 100	350	60	6	420
2S	64	1.2 ~ 12	0.8 ~ 8 1.5 ~ 15	3 ~ 30 12 ~ 120	4.5 ~ 45 15 ~ 150	400	100	6	440
2½S	77.5	2 ~ 20	1.2 ~ 12 2.5 ~ 25	6 ~ 60 20 ~ 200	8 ~ 80 30 ~ 300	400	100	5	460
3S	91.0	3 ~ 30	2 ~ 20 4 ~ 40	8 ~ 80 30 ~ 300	10 ~ 100 40 ~ 400	500	100	4	520

* When the size is larger than 65A, to be consulted with a maker

Material table

Part list	Material code	
	B	C
Body	304SS	316SS
Flange	304SS	316SS
Float	304SS / 316SS, Teflon, Acetal	
Taper tube	Pyrex glass	
Guide rod	304SS	316SS
Packing	NBR, Teflon, EPDM, Acetal	
Stay bolt	304SS	
Nut	304SS	

* Guide rod can be excluded as per flow rate

Dimension

