

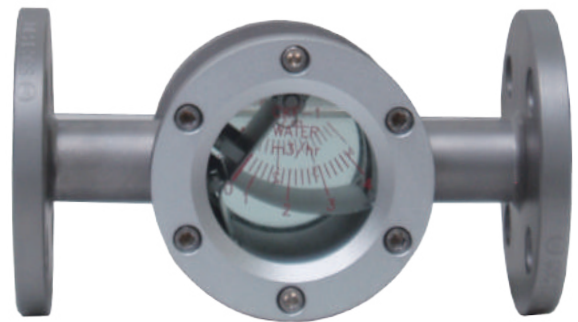
Flow switch and sight flowmeter

Model : F850

Spec. sheet no. **FD08-22**

Description

It is flapper type sight glass and available for measuring flow rate through the both sides.
It is suitable for direct visual inspection of liquid.



Specification

Process connection

Flanged
Screwed

Pressure rating

STD. 10 kgf/cm²
Max. 60 kgf/cm²

Size

10A ~ 300A
350A ~ 500A

Temperature rating

STD. 120 °C
Max. 300 °C

Material

304SS
316SS
316L SS

Accuracy

±5.0 % of full scale

WISE[®]

1. Base model**F850** Flow switch and sight flowmeter**2. Line size**

A01	½"	J01	15A
A02	¾"	J02	20A
A03	1"	J03	25A
A04	1½"	J04	40A
A05	2"	J05	50A
A06	2½"	J06	65A
A07	3"	J07	80A
A08	4"	J08	100A
A09	6"	J09	150A
ZZZ	Other		

3. Connection

A01	150Lb RF	J01	10K RF
A02	300Lb RF	J03	20K RF
A11	150Lb FF	J11	10K FF
A12	300Lb FF	J13	20K FF
ZZZ	Other		

4. Body material

4S	304SS
6S	316SS
ZZ	Other

5. Flow direction

D1	Bottom to Top
D2	Side to Side
ZZ	Other

6. Option

FS	With Flow Switch
FX	None
FO	Other

Sample ordering code

1	2	3	4	5	6
F850	A01	A01	4S	D1	FS

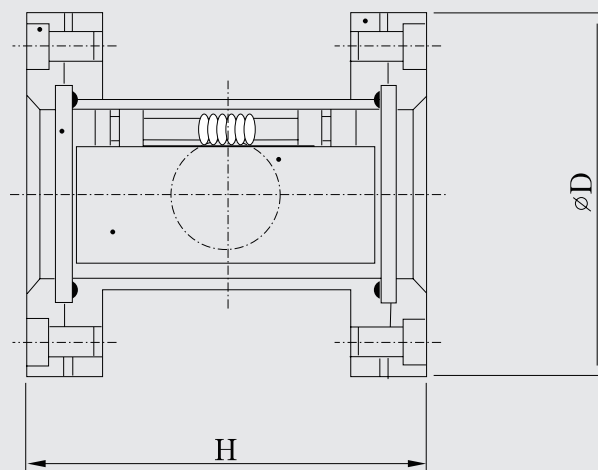
Flow chart

Size		Measuring ranges		"L" Dimension (mm)	
		Water (m³/h)	Air (Nm³/h)	Flange type	Screw type
15A	½B	0.1 ~ 0.5 0.4 ~ 2	6 ~ 30 12 ~ 60	220	150
20A	¾B	0.1 ~ 0.5 0.4 ~ 2	6 ~ 30 12 ~ 60	220	160
25A	1B	0.2 ~ 1 1 ~ 5	12 ~ 60 30 ~ 150	220	180
32A	1¼B	0.2 ~ 1 1 ~ 5	12 ~ 60 30 ~ 150	220	200
40A	1½B	0.4 ~ 2 2 ~ 10	16 ~ 80 30 ~ 300	220	200
50A	2B	0.6 ~ 3 3 ~ 15	20 ~ 100 90 ~ 450	220	220
65A	2½B	1.2 ~ 6 6 ~ 30	60 ~ 300 180 ~ 900	260	220
80A	3B	1.6 ~ 8 8 ~ 40	120 ~ 600 240 ~ 1,200	300	
100A	4B	3 ~ 15 16 ~ 80	180 ~ 900 400 ~ 2,000	330	
125A	5B	4 ~ 20 20 ~ 100	200 ~ 1,000 600 ~ 3,000	380	
150A	6B	6 ~ 30 30 ~ 150	240 ~ 1,200 900 ~ 4,500	480	
200A	8B	12 ~ 60 60 ~ 300	300 ~ 1,500 1,800 ~ 9,000	650	
250A	10B	16 ~ 80 80 ~ 400	600 ~ 3,000 2,400 ~ 12,000	680	
300A	12B	20 ~ 100 100 ~ 500	900 ~ 4,500 3,000 ~ 15,000	720	

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

Material table

Part list	Material code		
	B	C	D
Cover	304SS	316SS	316L SS
Packing	NBR, EPDM, Viton, Teflon		
Body	304SS	316SS	316L SS
Shaft	304SS	316SS	316L SS
Spring	304SS	316SS	316L SS
Stopper	304SS	316SS	316L SS
Flapper	304SS	316SS	316L SS
Sight glass	Tempered, pyrex		



SECTION B-B

