

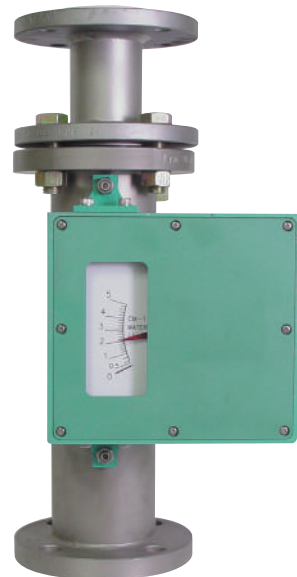
Metal tube flowmeter with teflon lining

Model : F822

Spec. sheet no. **FD08-15**

Description

It has an excellent corrosion resistance by teflon lining in inner section.



Specification

Process connection

Flanged

Pressure rating

Max. 15 kgf/cm²

Size

15A ~ 100A

Temperature rating

Max. 120°C

Material

304SS with teflon lining

Accuracy

±3.0% of full scale

WISE[®]

1. Base model**F822** Metal tube flowmeter with teflon lining**2. Flow direction type****D1** Bottom and top**3. Line size**

JIS	mm	ANSI	inch	DIN	mm
J015	15A	A001	½B	D015	15A
J020	20A	A002	¾B	D020	20A
J025	25A	A003	1B	D025	25A
J040	40A	A004	1½B	D040	40A
J050	50A	A005	2B	D050	50A
J065	65A	A006	2½B	D065	65A
J080	80A	A007	3B	D080	80A
J100	100A	A008	4B	D100	100A
XXXX	Other				

4. Flange rating and connection type**J010** JIS 10K**A010** ANSI 150 Lb**P010** PN10**XXXX** Other**5. Main material (See material table)****B** Body material / 304SS**6. Indicator and contact****LC** Local indicator**L1** Local indicator with 1-SPDT alarm**L2** Local indicator with 2-SPDT alarm**LS** Local indicator with current output (4~20 mA.DC)**LP** Local indicator with current output and pulse output**OH** Other**7. Option****NO** None

1	2	3	4	5	6	7
F822	D1	J015	J010	B	LC	NO

Sample ordering code

Flow chart

Size		H ₂ O flow rate (m ³ /h)	Ranges		Pressure loss (mmH ₂ O)	Dimension L (mm)
			Liquid (m ³ /h)	Air (m ³ /h)		
15A	½B	0.8 ~ 8	0.03 ~ 0.3 0.1 ~ 1	0.3 ~ 3 1.2 ~ 12	8	375
20A	¾B	0.12 ~ 1.2	0.08 ~ 0.8 0.15 ~ 1.5	0.8 ~ 8 1.5 ~ 15	8	375
25A	1B	0.25 ~ 2.5	0.15 ~ 1.5 0.35 ~ 3.5	1.5 ~ 15 3.5 ~ 35	7	375
32A	1¼B	0.45 ~ 4.5	0.3 ~ 3 0.6 ~ 6	3.5 ~ 35 6 ~ 60	6	375
40A	1½B	0.8 ~ 8	0.5 ~ 5 1 ~ 10	5 ~ 50 10 ~ 100	5	375
50A	2B	1.2 ~ 12	0.8 ~ 8 1.5 ~ 15	10 ~ 100 15 ~ 150	4	375

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

Material table

Part list	Material code
	B
Body	304SS + PTFE
Flange	304SS + PTFE
Float	304SS + PTFE
Taper tube	PTFE
Magnet rod	304SS (Alnico) + PTFE
Lower stopper	PTFE
Collar	PTFE
Guide	304SS + PTFE
Upper stopper	PTFE
Indicator	Aluminium
(Terminal box)	Aluminium

Dimension

