

# FMF850 Series

## Metallic Tube Variable-Area Flowmeters



M7 indicator

FMF850 series metallic rotameter is one of variable-area flowmeter with simple structure, work reliable, wide application field, high precision, convenient installing. It is suitable for compatible liquids, gases.

FMF850 series metallic rotameter with LCD and 4-20mA electricity signal output, restrict alarm and many kinds of signal. Compared with other flowmeters, this series has the characteristics of high-pressure-proof, high-temperature proof, safety, ocular reading etc. It is suitable for chemical industry, petroleum, metallurgy, power plant, environmental protection, medical science.

Working temp.:  $\leq 100^{\circ}\text{C}$

Working pressure:  $\leq 1.6\text{MPa}$

Note: Indicators only means for case shapes.

### Specifications

DN mm	Measuring Range			Pressure Loss(KPa)			
	Water (L/h)		Air (Nm <sup>3</sup> /h)	Orifice Plate		Cone Pipe	
	Normal type	Corrosion-proof type	Normal/Corrosion-proof	Water	Air	Water	Air
15	2.5~25	--	0.07~0.7	5.5	7.1	2.1	2.6
	4.0~40	2.5~25	0.11~1.1	5.5	7.2	2.1	2.6
	6.3~63	4.0~40	0.18~1.8	5.5	7.3	2.1	2.6
	10~100	6.3~63	0.28~2.8	5.6	7.5	2.1	2.6
	16~160	10~100	0.48~4.8	5.6	8.0	2.1	2.6
	25~250	16~160	0.7~7.0	5.8	10.8	2.1	2.6
	40~400	25~250	1.0~10.0	6.1	10.0	2.1	2.8
	63~630	40~400	1.6~16.0	7.3	14.0	2.2	3.2
25	63~630	40~400	1.6~16	5.7	7.2	2.4	3.2
	100~1000	63~630	3~30	5.9	7.7	2.4	3.3
	160~1600	100~1000	4.5~45	6.0	8.8	2.5	3.4
	250~2500	160~1600	7~70	6.8	12.0	2.6	3.8
	400~4000	250~2500	11~110	9.2	19.0	3.0	4.5
40	160~1600	100~1000	4.5~45	6.0	8.8	2.5	3.4
	250~2500	160~1600	7~70	6.8	12.0	2.6	3.8
	400~4000	250~2500	11~110	9.2	19.0	3.0	4.5
50	630~6300	400~4000	18~180	6.8	8.6	3.3	7.4
	1000~10000	630~6300	25~250	9.4	10.4	3.8	7.7
	1600~16000	1000~10000	40~400	14.5	15.5	4.3	8.4
65	1600~16000	1000~10000	40~400	6.0	10	3.0	5.5
	2500~25000	1600~16000	70~700	6.9	12.9	3.6	6.8
	4000~40000	2500~25000	100~1000	8.0	18.5	4.6	8.7
80	2500~25000	1600~16000	70~700	6.9	12.9	3.6	6.8
	4000~40000	2500~25000	100~1000	8.0	18.5	4.6	8.9
100	6300~63000	4000~40000	160~1600	8.5	19.2	5.8	12.0
	10000~100000	6300~63000	250~2500	8.8	19.6	6.4	12.8

\* Note: We need detail datas of working pressure, working temperature, density for gas medium.

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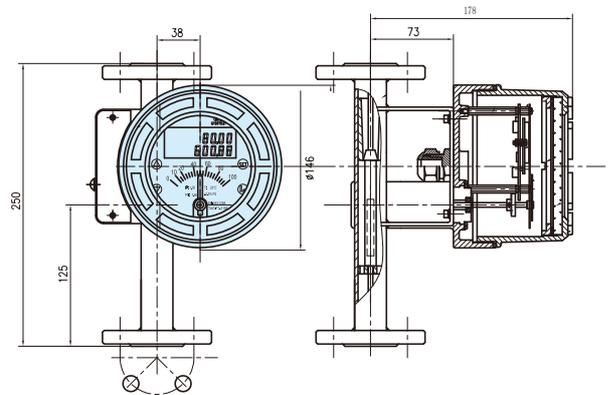
M8 indicator  
(Ex-proof type)

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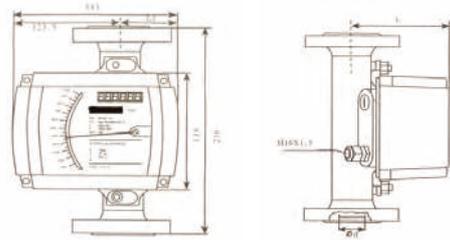
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M10 indicator  
(cone pipe)



DIN		ANSI	L	L1	L2	$\Phi d$	Weight	
DN	PN	inches	mm				DIN	ANSI
							kg	kg
15	40	1/2"	107	70.5	100	20	3.5	4.8
25	40	1"	119	70.5	100	32	5.2	6.7
50	40	2"	132	57.5	120	65	8.7	10.4
80	16	3"	148	57.5	160	89	12.0	14.0
100	16	4"	158	57.5	150	114	14.0	16.6

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