



METAL TUBE FLOW METER | MODEL MP

- ▶ Stainless steel wetted parts
- ▶ High pressure and temperature resistance
- ▶ Withstands aggressive media

KYTOLA® Model MP Metal Tube Flow Meter is designed to withstand rough conditions. It is compatible with a wide range of liquids or gases.

Reliable and accurate flow measurement is based on a variable area metering principle using a free-floating float.

FEATURES

- Reliable operation
- Compact and robust design
- Clear scale

TYPICAL APPLICATIONS

- Chemical and petrochemical industry
- Power plants
- General flow measurements

OPTIONS

- Low and high flow alarms
- BSP or NPT connections
- Stainless steel AISI 316L display housing

Model	MP
Flow tube	Stainless steel AISI 316L
Connectors	Stainless steel AISI 316L
Float	Stainless steel AISI 316L
Display housing	Aluminium (*Stainless steel AISI 316L)
Display housing window	Polycarbonate (*Borosilicate glass)
Seals	Viton® in option "W"
Max pressure	235 bar without valve 100 bar with valve
Max temperature	+150°C without alarm sensors, borosilicate glass window +115°C without alarm sensors, polycarbonate window +100°C with NAMUR alarm sensors +70°C with PNP alarm sensors
Connections	BSP/NPT/BSPT 1/4" or 1/2" depending on range
Weight	920 g with valve / 700 g without valve
Accuracy	± 5% F.S. (H ₂ O +20°C)
*) Special construction on request	



MP- [] - [] - [] - []			
Flow Range			
H ₂ O (L/h)	Air (NL/h)	BSP/NPT	
1 – 10	25 – 300	1/4"	10
2 – 16	50 – 500	1/4"	16
2.5 – 25	50 – 700	1/4"	25
5 – 40	100 – 1200	1/4"	40
5 – 60	200 – 1800	1/4"	60
10 – 100	250 – 3000	1/4"	100
20 – 160	500 – 4500	1/2"	160
25 – 250	750 – 7500	1/2"	250
40 – 400	1500 – 12000	1/2"	400
Scale			
H ₂ O (L/h) at +20°C		B	
Air (NL/h) at +20°C / 101.3 kPa		K	
Flow Adjusting Valve			
With flow adjusting valve		W	
Without flow adjusting valve		O	
Connections			
BSP 1/4" or 1/2" depending on range		R	
NPT 1/4" or 1/2" depending on range		N	
BSPT 1/4" or 1/2" depending on range		P	
Special Features			
Lower limit switch, Namur		1	
Upper limit switch, Namur		2	
Lower and upper limit switch, Namur		3	
Lower limit switch, PNP, 10–30 VDC, 3-wire (NC)		7	
Upper limit switch, PNP, 10–30 VDC, 3-wire (NC)		8	
Lower and upper limit switch, PNP, 10–30 VDC, 3-wire (NC)		9	
Aluminium display housing, polycarbonate glass (standard)		☐	
Stainless steel AISI 316 display housing, borosilicate glass		H	
Aluminium display housing, borosilicate glass		L	

