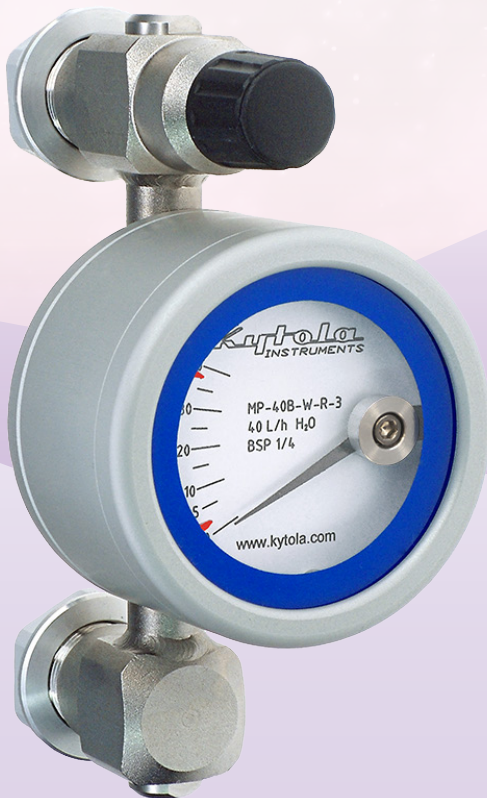


KYTOLA® Model MP Metal Tube Flow Meter is designed to withstand rough conditions. It is compatible with a wide range of liquids or gases.

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



- Stainless steel wetted parts
- High pressure and temperature resistance
- Withstands aggressive media
- ATEX version (II 2GD c TX) as option



METAL TUBE FLOW METER MP

FEATURES

- Reliable operation
- Compact and robust design
- Clear scale

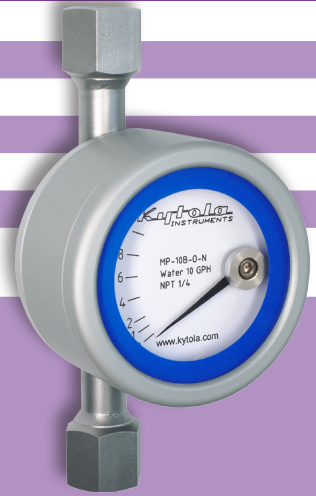
TYPICAL APPLICATIONS

- 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" (*EPDM)
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



Flow Range			MP-
H ₂ O (L/h)	Air (NL/h)	BSP/NPT	
1 – 10	50 – 300	1/4"	10
2 – 16	50 – 500	1/4"	16
2.5 – 25	100 – 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	500 – 7500	1/2"	250
50 – 400	1000 – 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
EPDM seals (max temperature 130°C)	Y
ATEX version, with AISI 316 display housing, borosilicate glass (if alarm sensors required, only options 1, 2 and 3 allowed)	Z

*) Leave empty

