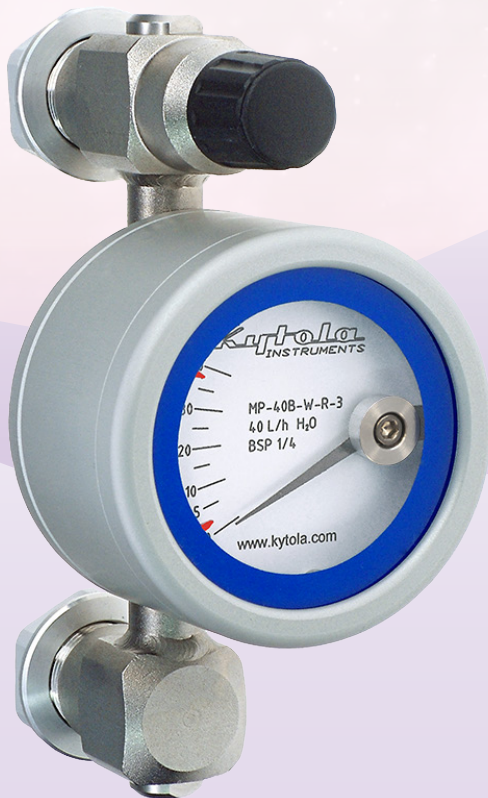


KYTOLA® Model MP Metal Tube Flow Meter is designed to withstand rough conditions. It is compatible with a wide range of liquids or gases.

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



ISO 9001 ISO 14001

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
- Connections G / NPT / Rc
- 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	G/NPT/Rc 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)	G/NPT/Rc	
1 – 10	60 – 320	1/4"	10
1 – 16	50 – 500	1/4"	16
1 – 25	100 – 750	1/4"	25
2 – 42	100 – 1200	1/4"	40
5 – 65	200 – 1900	1/4"	60
5 – 100	200 – 3000	1/4"	100
10 – 170	250 – 4750	1/2"	160
25 – 250	500 – 7500	1/2"	250
40 – 400	1000 – 12000	1/2"	400

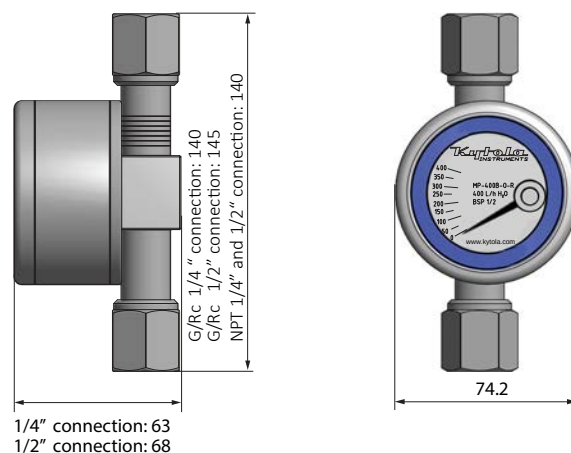
Scale	
H ₂ O (L/h) at +20°C	B
Air (NL/h) at +20°C / 1.013 bar (abs)	K

Flow Adjustment Valve	
With flow adjustment valve	W
Without flow adjustment valve	O

Connections	
G 1/4" or 1/2" depending on range	R
NPT 1/4" or 1/2" depending on range	N
Rc 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 (<i>standard, leave blank</i>)	
Aluminium display housing, borosilicate glass	L
Aluminium display base plate, AISI 316 display housing cover, borosilicate glass	X
EPDM seals (max temperature 130°C)	Y
ATEX version (if alarm sensors required, only options 1, 2 and 3 allowed); choose display option L or X	Z

Model MP-xx-O



Model MP-xx-W

