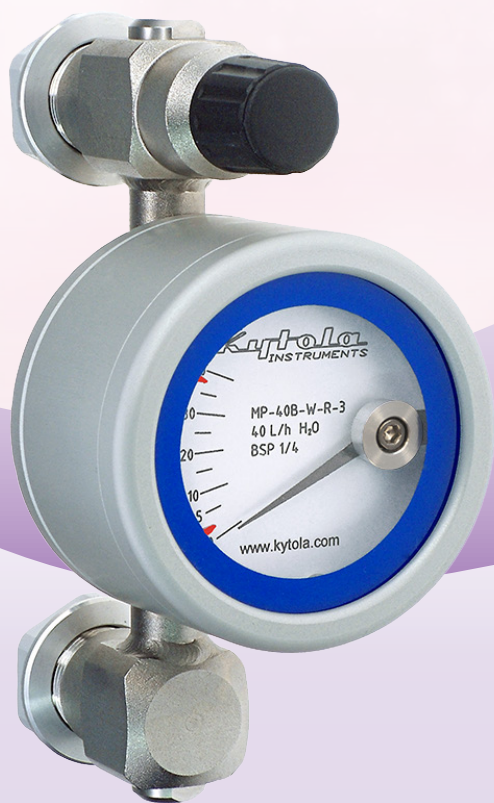


KYTOLA® Model MP Metal Tube Flow Meter is designed to withstand rough conditions. It is compatible with a wide range of liquids or gases.

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
- 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	3400 psi (235 bar) without valve 1450 psi (100 bar) with valve
Max temperature	+300°F (+150°C) without alarm sensors, borosilicate glass window +239°F (+115°C) without alarm sensors, polycarbonate window +212°F (+100°C) with NAMUR alarm sensors +158°F (+70°C) with PNP alarm sensors
Connections	NPT/BSP/BSPT 1/4" or 1/2" depending on range
Weight	2 lbs (920 g) with valve / 1.5 lbs (700 g) without valve
Accuracy	± 5% F.S. (H <sub>2</sub> O +20°C) *) Special construction on request

MP- [ ] - [ ] - [ ] - [ ]				
Flow Range				
H <sub>2</sub> O(GPH)	H <sub>2</sub> O(L/h)	Air(SCFH)	Air(NL/h)	BSP/NPT
0.25 – 2.5	1 – 10	2 – 11	50 – 300	1/4" 10
0.5 – 4	2 – 16	2 – 18	50 – 500	1/4" 16
0.5 – 6.5	2.5 – 25	5 – 30	100 – 700	1/4" 25
1 – 11	5 – 40	5 – 45	100 – 1200	1/4" 40
2 – 16	5 – 60	10 – 70	200 – 1800	1/4" 60
2.5 – 25	10 – 100	10 – 110	250 – 3000	1/4" 100
5 – 45	20 – 160	20 – 180	500 – 4500	1/2" 160
5 – 65	25 – 250	20 – 280	500 – 7500	1/2" 250
10 – 100	50 – 400	50 – 450	1000 – 12000	1/2" 400

Scale	
H <sub>2</sub> O (L/h) at +20°C	B
H <sub>2</sub> O (GPH) at +70°F	N
Air (NL/h) at +20°C / 1.013 bar (abs)	K
Air (SCFH) at +70°F / 14.7 psia	V

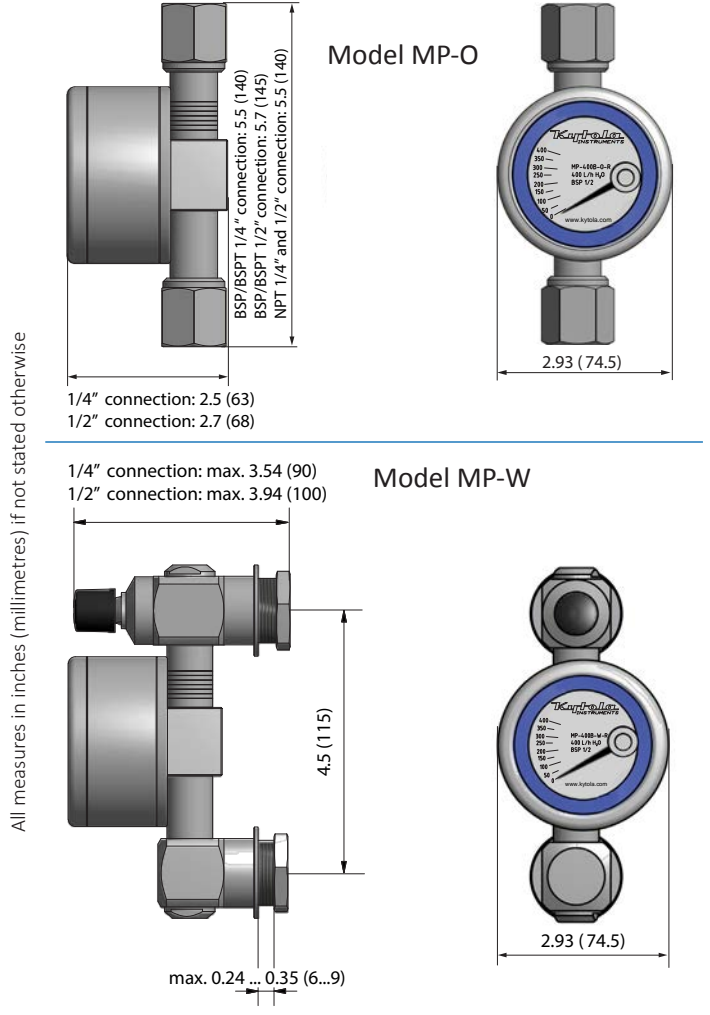
Flow Adjusting Valve	
With flow adjusting valve	W
Without flow adjusting valve	O

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	
Alarm, lower limit, Namur, 8VDC nominal	1
Alarm, upper limit, Namur, 8VDC nominal	2
Alarm, lower and upper limit, dual Namur, 8VDC nominal	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)	<i>leave empty</i>
Stainless steel AISI 316 display housing, borosilicate glass	H
Aluminium display housing, borosilicate glass	L
EPDM seals, max temperature +266°F (130°C)	Y
ATEX version, with AISI 316 display housing, borosilicate glass (if alarm sensors required, only options 1, 2 and 3 allowed)	Z



www.kytola.ca



**Kytola Instruments Inc.**  
 900 Old Roswell Lakes Parkway, Suite 120  
 Roswell, GA 30076, USA  
 Tel: +1 678 701 3569  
 Fax: +1 514 448 5151  
 E-mail: flow@kytola.ca

Copyright© Kytola Instruments Oy 2018. Dimensions and measurements are given within normal tolerances. Manufacturer reserves the right to changes without prior notification. MP\_es26NA\_en Published 12/2018.