

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
- CRN for AB, NB



ISO 9001:2008 ISO 14001:2004

MP-Series

CRN REGISTERED

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)
Max pressure	3400 psi (235 bar)
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	1.5 lbs (700 g)
Accuracy	± 5% F.S. (H ₂ O +20°C)
	*Special construction on request



Flow Range	H ₂ O (GPH)	H ₂ 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	

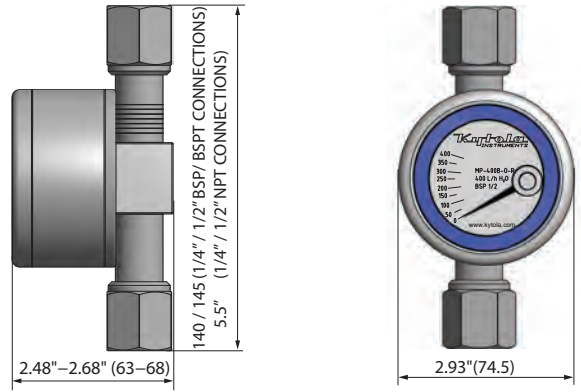
Scale	
H ₂ O (L/h) at +20°C	B
H ₂ O (GPH) at +70°F	N
Air (NL/h) at +20°C / 1.013 bar (abs)	K
Air (SCFH) at +70°F / 14.7 psia	V

Flow Adjusting Valve	
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	1
Alarm, upper limit, Namur, 8VDC nominal ¹	2
Alarm, lower and upper limit, dual Namur, 8VDC nominal ¹	3
Lower limit switch, PNP, 10–30 VDC, 3-wire (NC) ²	7
Upper limit switch, PNP, 10–30 VDC, 3-wire (NC) ²	8
Lower and upper limit switch, PNP, 10–30 VDC, 3-wire (NC) ²	9
Aluminium display housing, polycarbonate glass (standard)	*
Stainless steel AISI 316 display housing, borosilicate glass	H
Aluminium display housing, borosilicate glass	L

* Leave empty
¹ Pepperl+Fuchs SJ2-N
² Pepperl+Fuchs NBB1,5-5GM25-E3



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All measures in inches (millimetres) if not stated otherwise
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