

MPB SERIES 1300 VARIABLE AREA FLOWMETER

GENERAL INFORMATION

The MPB Series 1300 Variable Area Flowmeter has been designed as the ideal choice for applications where a simple device is required to indicate flow.

The MPB Series 1300 Flowmeter will give an instantaneous flow rate of virtually any process gas or liquid and can be front of panel mounted or inline.

The MPB Series 1300 Flowmeter is supplied in an anodised aluminium monocoque chassis, giving this flowmeter a robust compact appearance.



MPB SERIES 1300 FEATURES

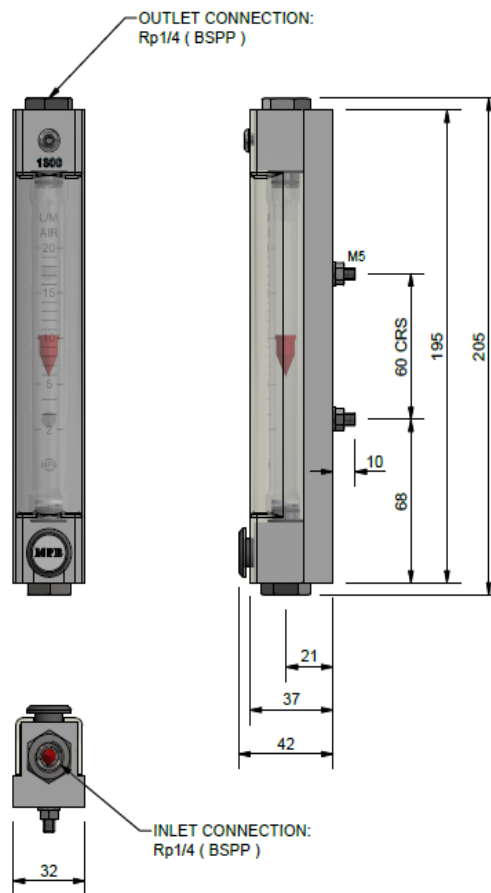
- SUITABLE FOR IN LINE OR PANEL MOUNTING
- POLYCARBONATE SAFETY COVER
- STANDARD OR CUSTOMISED FLOW SCALES
- DIRECT READING OF INSTANTANEOUS FLOW RATE
- ANODISED ALUMINIUM MONOCOQUE CHASSIS
- 303 STAINLESS STEEL CONNECTIONS
- MINIMAL MAINTENANCE, LONG SERVICE LIFE
- STRAIGHT THROUGH CONNECTIONS
- FRICTIONLESS, HENCE LOW HEAD LOSS
- ROBUST DESIGN
- EASY TO READ SCALE
- GOOD STANDARD WORKING PRESSURE RATINGS (up to 20 bar g Non-Shock)

STANDARD RANGES

AIR @ 1013 mbar abs 20°C	WATER @ 20°C
1 - 10 L/min	25 - 700cc/min
1 - 15 L/min	0.1 - 1 L/min
2 - 20 L/min	0.3 - 3 L/min
1 - 40 L/min	

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Chassis:	Anodised aluminium to BSEN12373/AA25	Plumb Bob Floats:	Hard anodised aluminium 316 Stainless steel
End Connections:	303 Stainless steel	Ball Floats:	Glass, Stainless steel, Ceramic, Tungsten
Process Connections:	1/4" BSPPF straight through	Maximum Working Pressure:	Gas: up to 20 bar g (non-shock) Liquid: up to 20 bar g (non-shock)
Cover:	Polycarbonate	Maximum Working Temperature:	60°C Nitrile 100°C Viton
Seals:	Nitrile, Viton, EPDM, etc	Accuracy:	± 5% FSD predicted ± 2% FSD series calibrated
Metering Tube:	Borosilicate glass		
Scale:	Permanently fired black ceramic		
Weight:	350g		



Customised flow ranges are available.
Please consult MPB Industries to select the required flow range for the process fluid used.

MPB Industries Ltd - Designers and Manufacturers of Scientific and Process Control Instrumentation

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