

MPB SERIES F280V FLOWMETER

GENERAL INFORMATION

The F280V Flowmeter is a panel mounted flowmeter designed to meet the requirement for liquid flow rates up to 40 L/min. This instrument can be supplied with or without an integral flow control valve. The MPB Series F280V Flowmeter can also handle gas flows of up to 1000 L/min Air @ 1013 mbar abs 20°C.

The non-valved version is the F280 Flowmeter.

High flow rates are achieved by the use of a guided float system.

This meter can be supplied with nickel plated brass or stainless steel end connections. A latching alarm version FA280 is also available, see Technical Bulletin MPBTB 025.

MPB SERIES F280V FEATURES

- ROBUST DESIGN
- TUBES EASILY CHANGED IN STIU
- EASILY READ
- HIGH FLOW RATES
- OPTIONAL INTEGRAL FLOW CONTROL VALVE
- POLYCARBONATE SAFETY COVER
- NICKEL PLATED BRASS, OR STAINLESS STEEL CONNECTIONS
- MINIMAL MAINTENANCE
- INSTANT FLOW READING



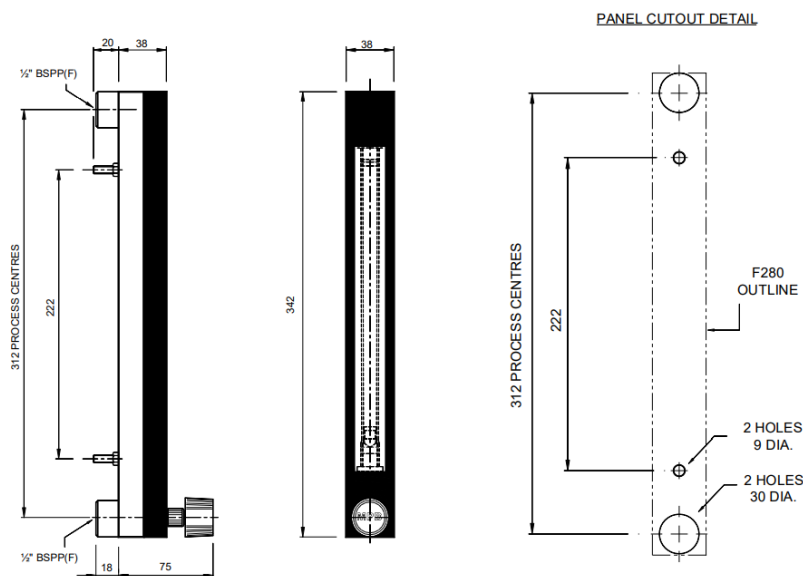
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Chassis:	Anodised aluminium to BSEN12373/AA25	Float:	316 Stainless steel
Connections:	Nickel plated brass, or 303 Stainless Steel	Weight:	1200 grams (typical)
Process Connections:	½" BSPF rear facing	Maximum Working Pressure:	Gas: 6 bar g (non-shock) Liquid: 10 bar g (non-shock)
Cover:	Polycarbonate	Maximum Working Temperature:	60°C Nitrile 100°C Viton
Seals:	Nitrile, Viton, EPDM, etc	Accuracy:	± 5% FSD predicted
Metering Tube:	Borosilicate glass with permanently fired metric scale		
Scale:	Permanently fired black ceramic		

STANDARD RANGES

AIR @ 1013 mbar abs 20°C	WATER @ 20°C
2.5 – 25 L/min	0.5 – 5 L/min
5 – 50 L/min	1 – 10 L/min
10 – 100 L/min	2 – 20 L/min
50 – 500 L/min	3 – 30 L/min
100 – 1000 L/min	4 – 40 L/min

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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