

MPB SERIES FA140 FLOWMETER / ALARM

GENERAL INFORMATION

The MPB Series FA140 Flowmeter/Alarm was developed to meet the requirement for a flowmeter with an integral flow control valve and incorporating a latching alarm device, being capable of switching up to a 5 Amp resistive load.

The FA140 Flowmeter/Alarm utilises the guided float principle to give maximum flow rates and a stable indication of flow. This flowmeter offers an economical solution for cost effective systems using pumps or level controls etc. The latching alarm eliminates the need for costly electronic circuitry.

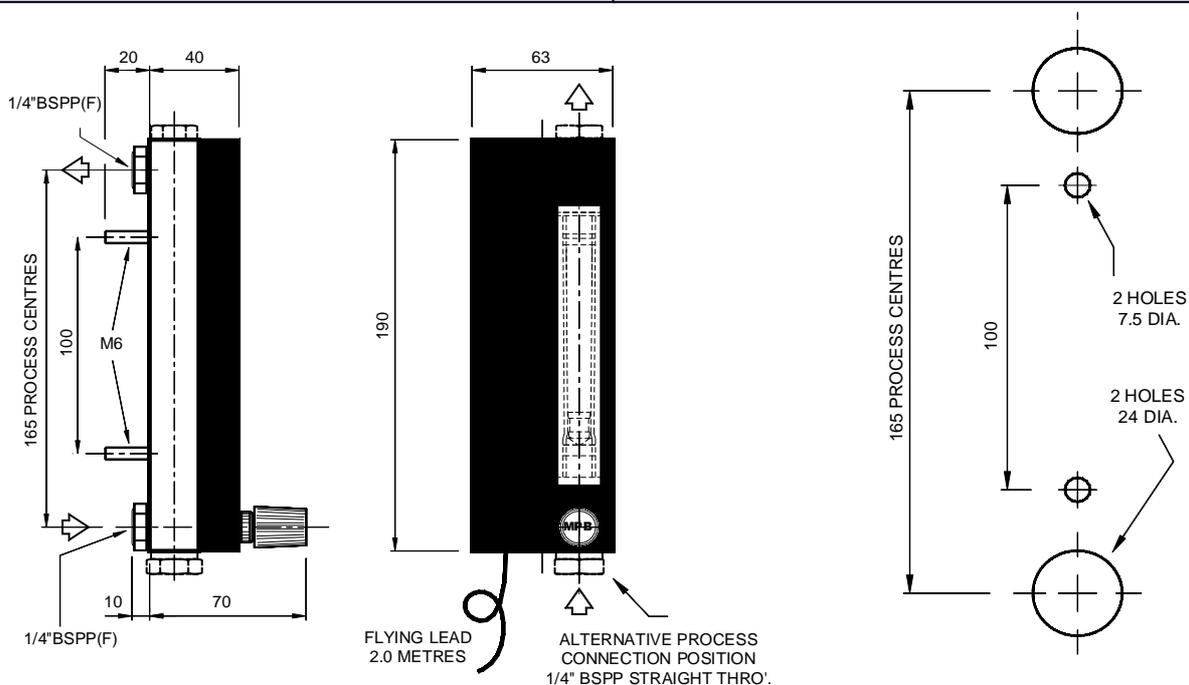
SERIES FA140 FEATURES

- DIRECT READING OF INSTANTANEOUS FLOW RATE
- EAST TO READ
- EASY IN-SITU TUBE REMOVAL
- NICKEL PLATED BRASS, OR STAINLESS STEEL CONNECTIONS
- COMPLETE WITH FLOW CONTROL VALVE
- SIMPLE LATCHING ALARM DEVICE
- SWITCHES UP TO 5 AMP RESISTIVE LOAD
- MINIMAL MAINTENANCE, LONG SERVICE LIFE
- STRAIGHT THROUGH, OR REAR FACING CONNECTIONS



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<p>Chassis: Anodised aluminium to BSEN12373/AA25</p> <p>End Blocks: Ni plated brass, or 303 Stainless steel</p> <p>Process Connections: 1/4" BSPPF</p> <p>Valve: 316 Stainless steel</p> <p>Cover: Polycarbonate</p> <p>Metering Tube: Borosilicate glass</p> <p>Scale: Permanently fired black ceramic</p> <p>Float: Rigid PVC, or 316 Stainless Steel</p>	<p>Weight: 800 grams</p> <p>Maximum Working Pressure: Gas: 6 bar g (non-shock) Liquid: 10 bar g (non-shock)</p> <p>Maximum Working Temperature: 60°C Nitrile 100°C Viton</p> <p>Accuracy: ± 5% FSD predicted</p> <p>Switch rating: 240VAC 5 Amp resistive load <u>or</u> 100V max. 1 amp max. 10VA max. Resistive load</p> <p>Connection: 2 metre flying lead</p>
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STANDARD RANGES

AIR @ 1013 mbar abs 20°C	WATER @ 20°C
1 - 10 L/min	0.1 - 1 L/min
3 - 30 L/min	0.2 - 2.5 L/min
7.5 - 75 L/min	0.4 - 4 L/min
12 - 120 L/min	0.6 - 6 L/min
18 - 180 L/min	0.7 - 7.5 L/min
22 - 225 L/min	

See Technical Bulletin
MPBTB 025 for higher
flow rates.

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

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