Product Data Sheet

SERIES FA50 FLOW ALARM

GENERAL INFORMATION

The Series FA50 Flow Alarm offers a flowmeter and adjustable flow alarm system within the same unit. The FA50 Flow Alarm is suitable for most common process liquids and gases and utilises the variable area flowmeter principle of operation, namely, as flow increases the float rises within a tapered flow tube and hence the flow rate can be read directly and alarm points set.

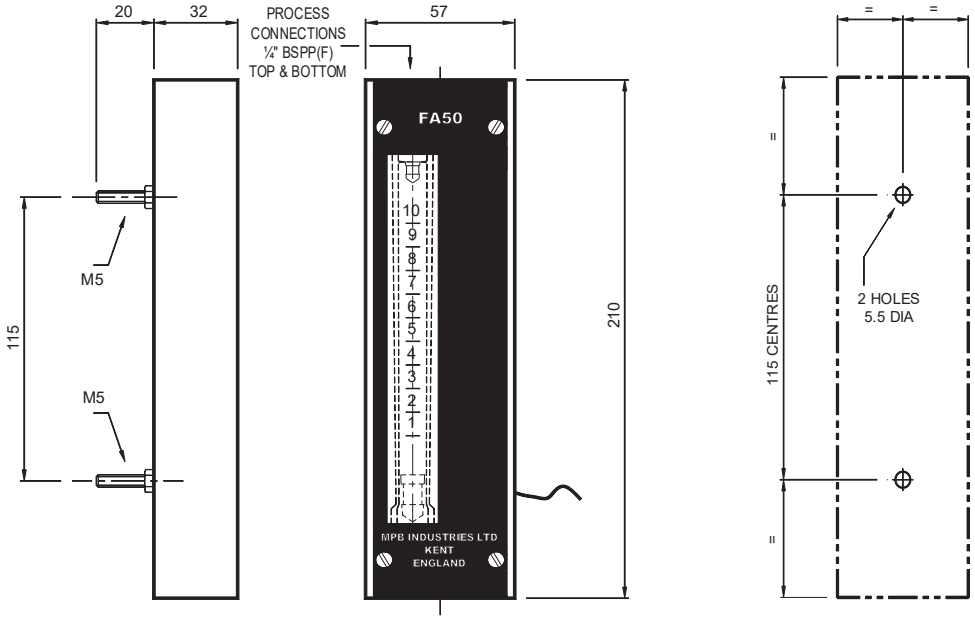
The alarm system uses the reed switch principle and is triggered by a small magnet housed within the float.

MPB SERIES FA50 FEATURES

- ADJUSTABLE ALARM/SET POINT
- LATCHING CONTACT MECHANISM
- STANDARD OR CUSTOMISED FLOW SCALES
- EASY IN-SITU TUBE REMOVAL
- RPVC, OR STAINLESS STEEL CONNECTIONS
- POLYCARBONATE SAFETY COVER
- DIRECT READING OF FLOW RATE
- FRICTIONLESS, HENCE LOW HEAD LOSS
- MINIMAL MAINTENANCE, LONG SERVICE LIFE

SERIES FA50 FLOW ALARM

Chassis:	**White epoxy coated aluminum**	**Weight:**	**550 grams (approx.)**
End Blocks:	**Rigid PVC, 303 Stainless steel**	**Maximum Working Pressure:**	**10 bar g (non-shock)**
Process Connections:	**¼" BSPPF**	**Maximum Working Temperature:**	**60^{0}C Nitrile 100^{0}C Viton**
Cover:	**Polycarbonate**		
Seals:	**Nitrile, Viton. EPDM, etc**	**Accuracy:**	**± 5% FSD predicted**
Metering Tube:	**Borosilicate glass**	**Alarm:**	**Switch rating: 100V max. 1 amp max. 10VA max. Resistive load**
Scale:	**Permanently fired black ceramic**		
Float:	**Rigid PVC, or 316 Stainless steel**	**Connection:**	**2 metre flying lead**



STANDARD RANGES	
AIR @ 1013 mbar abs 20°C	**WATER @ 20°C**
0.25-2.5 L/min	10 - 100cc/min
0.5 - 5 L/min	50 - 500cc/min
1-10 L/min	0.1 - 1 L/min
2.5 - 25 L/min	0.2 - 2 L/min
5 - 50 L/min	0.4 - 4 L/min
10 - 100 L/min	
15 - 150 L/min	
0 – 100% scales available if required.	

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