

## SERIES FA50 FLOW ALARM

The Series FA50 offers a flowmeter and adjustable flow alarm system within the same unit. The FA50 is suitable for most common process liquids 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.

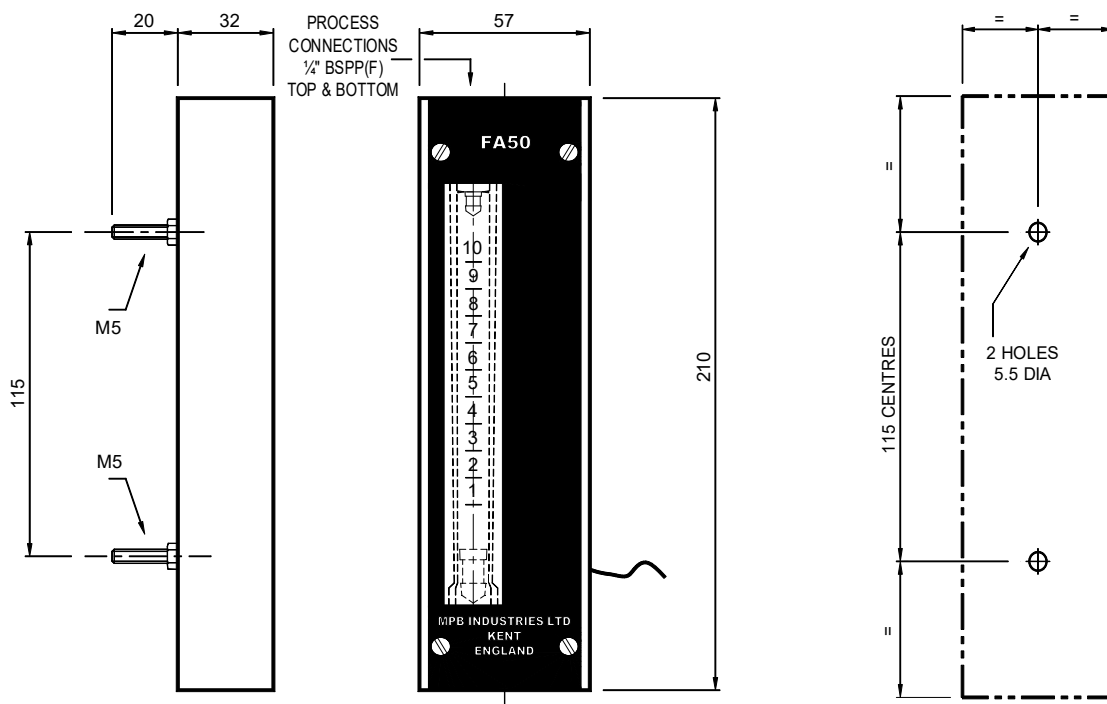
### SERIES FA50 FEATURES

- \* ADJUSTABLE ALARM/SET POINT
- \* LATCHING CONTACT MECHANISM
- \* STANDARD OR CUSTOMISED FLOW SCALES
- \* EASY IN-SITU TUBE REMOVAL
- \* ROBUST DESIGN
- \* RPVC, Ni PLATED BRASS OR STAINLESS STEEL CONNECTIONS
- \* INTEGRAL PROTECTIVE COVER
- \* DIRECT READING OF FLOW RATE
- \* FRICTIONLESS, HENCE LOW HEAD LOSS
- \* MINIMAL MAINTENANCE
- \* LONG SERVICE LIFE



## FA50 FLOW ALARM

Chassis:	White epoxy coated aluminium	Weight:	550 grams (approx)
End Blocks:	Rigid PVC Ni plated brass Stainless steel	Maximum Working Pressure:	10 bar g (non shock)
Process Connections:	$\frac{1}{4}$ " BSPPF	Maximum Working Temperature:	60°C Nitrile 100°C Viton
Cover:	Acrylic	Accuracy:	$\pm 5\%$ FSD predicted
Seals:	Nitrile or Viton	Alarm: Switch rating:	100V max. 1 amp max. 10VA max. Resistive load
Metering Tube:	Borosilicate glass with permanently fired scale	Connection:	2 metre flying lead
Float:	Rigid PVC or Stainless steel		



## STANDARD RANGES

AIR @ STP	WATER
0.5 – 5 l/min	10 – 100 cc/min
2.5 – 25 l/min	50 – 500 cc/min
5.0 – 50 l/min	0.1 – 1.0 l/min
10 – 100 l/min	0.2 – 2.0 l/min
15 – 150 l/min	0.4 – 4.0 l/min
0 – 100% scales Available If Required.	

