

## MPB SERIES TX50 TRANSMITTING FLOWMETER

### GENERAL INFORMATION

The MPB Series TX50 Transmitting Flowmeter has been designed to meet demanding applications where a transmitted signal proportional to flow rate is required.

The TX50 Transmitting Flowmeter was developed from the FA50 Series Flow Alarm and incorporates the same features.

The TX50 Transmitting Flowmeter, whilst having a wide range of standard flow rates, can be used for almost any process liquid or gas. The materials of construction will assist the designer in selecting a compatible flow transmitter for the medium being processed.

The TX50 Transmitting Flowmeter is ideal for control requirements in the water, chemical and processing industries.

### MPB SERIES TX50 FEATURES

- 4 – 20 mA TRANSMITTING SIGNAL OUTPUT
- EASILY ADJUSTABLE ZERO AND SPAN SETTINGS
- STANDARD AND CUSTOMIZED FLOW SCALES
- EASY IN-SITU TUBE REMOVAL
- RPVC, OR STAINLESS STEEL CONNECTIONS
- POLYCARBONATE SAFETY COVER
- DIRECT READING OF FLOW RATE
- MINIMAL MAINTENANCE

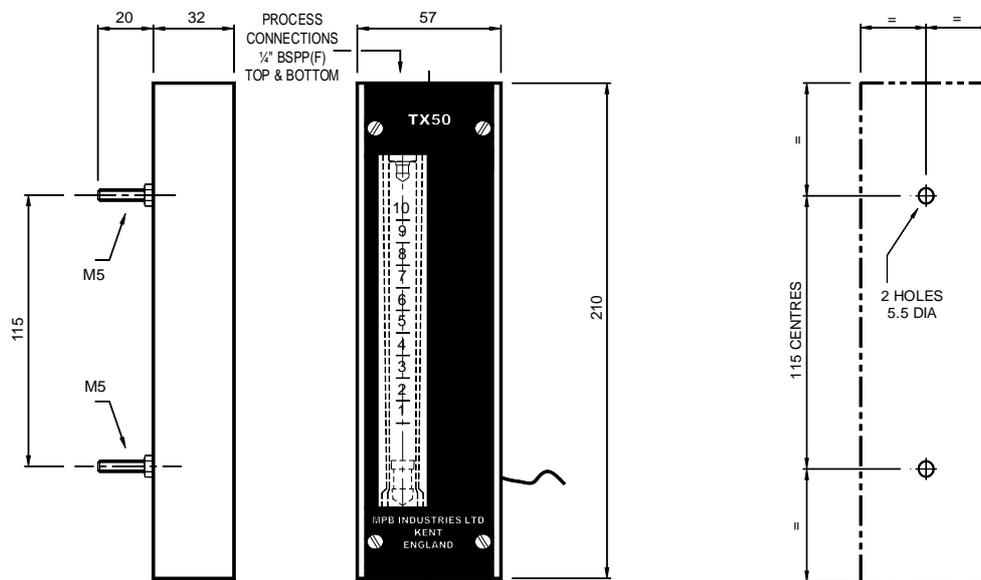


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<b>Chassis:</b>	White epoxy coated aluminium	<b>Maximum Working Pressure:</b>	Gas: 6 bar g (non-shock) Liquid: 10 bar g (non-shock)
<b>Connections:</b>	Rigid PVC (grey) 303 Stainless steel	<b>Maximum Working Temperature:</b>	60°C Nitrile 100°C Viton
<b>Process Connections:</b>	¼" BSPFF	<b>Accuracy:</b>	± 5% FSD standard ± 1% repeatability
<b>Cover:</b>	Polycarbonate	<b>Connection:</b>	2 metre flying lead
<b>Seals:</b>	Nitrile, Viton, EPDM, etc	<b>Operating Voltage:</b>	9VDC – 36VDC with reverse-voltage protection
<b>Metering Tube:</b>	Borosilicate glass	<b>Output Current:</b>	4 – 20 mA with zero and span adjustment
<b>Scale:</b>	Permanently fired black ceramic		
<b>Float:</b>	Rigid PVC, or 316 Stainless steel		
<b>Weight:</b>	550 grams (approx)		

## STANDARD RANGES

AIR @ 1013 mbar abs 20°C	WATER @ 20°C
0.5 - 5 L/min	10 - 100cc/min
1 - 10 L/min	50 - 500cc/min
2.5 - 25 L/min	0.1 - 1 L/min
5 - 50 L/min	0.2 - 2 L/min
10 - 100 L/min	0.4 - 4 L/min
15 - 150 L/min	
0-100% Scales Available If Required	



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

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