

MPB INDUSTRIES LTD

Unit 1 Branbridges Ind Est, East Peckham, Kent TN12 5HF

Tel: +44 (0)1622 872401 Fax: +44 (0)1622 871294

E-mail: mail@mpbflowmeters.com <http://www.mpbflowmeters.com>



Designers and Manufacturers of Scientific and Process Control Instrumentation

MPB SERIES TX50 TRANSMITTING FLOWMETER

The TX50 Flow Transmitter has been designed to meet demanding applications where a transmitted signal proportional to flow rate is required.

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

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

The TX50 can be used in conjunction with the MPB FM100 Flow Monitor.

SERIES TX50 FEATURES

- * 4 - 20 mA TRANSMITTING SIGNAL OUTPUT
- * EASILY ADJUSTABLE ZERO AND SPAN SETTINGS
- * STANDARD AND CUSTOMISED FLOW SCALES
- * EASY IN-SITU TUBE REMOVAL
- * ROBUST DESIGN
- * RPVC, BRASS OR STAINLESS STEEL CONNECTIONS
- * INTEGRAL SAFETY COVER
- * DIRECT READING OF FLOW RATE
- * MINIMAL MAINTENANCE
- * CAN BE USED IN CONJUNCTION WITH THE MPB SERIES FM100 FLOW MONITOR (MPBTB 034)

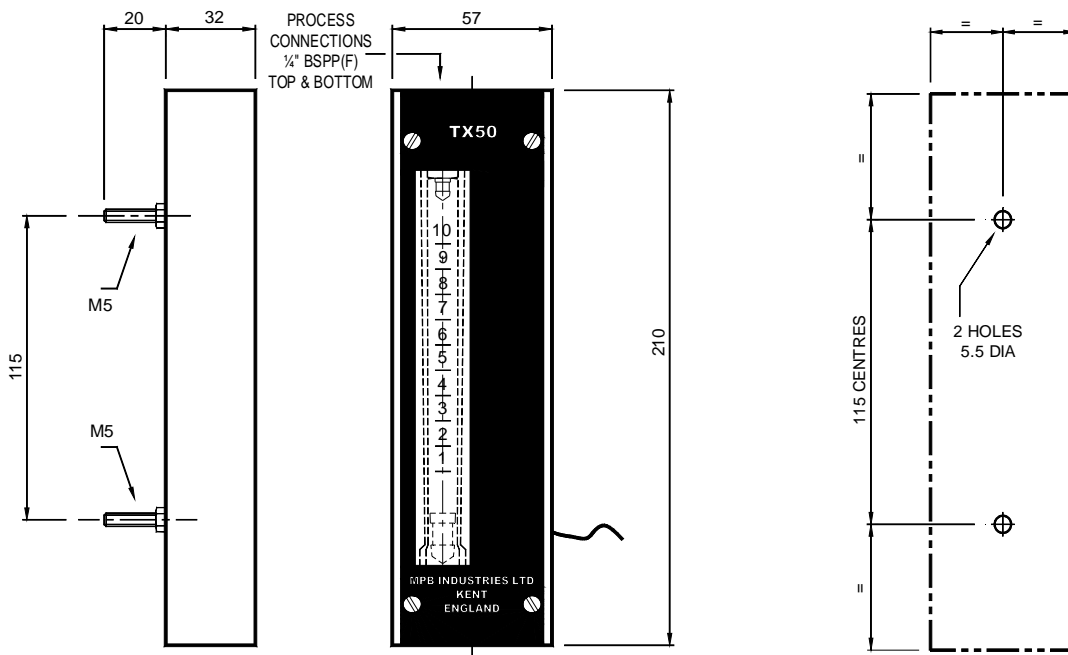


TX50 TRANSMITTING FLOWMETER

<p>Chassis: White epoxy coated aluminium</p> <p>Connections: Rigid PVC (grey) Ni plated brass Stainless steel</p> <p>Process Connections: ¼" BSPPF</p> <p>Cover: Acrylic</p> <p>Seals: Nitrile or Viton</p> <p>Metering Tube: Borosilicate glass</p> <p>Scale: Permanently fired</p> <p>Float: Rigid PVC or Stainless steel</p> <p>Weight: 550 grams (approx)</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 standard ± 1% repeatability</p> <p>Connection: 2 metre flying lead</p> <p>Operating Voltage: 9VDC – 36VDC with reverse-voltage protection</p> <p>Output Current: 4 – 20 mA with zero and span adjustment</p>	
--	--	--

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	



Due to the constant development and improvement of products, information may be altered or withdrawn without notice.

MPBTB 024 Issue 8



13 Sirius Road, Lane Cove NSW 2066 Australia
 Tel: +61 (0)2 9428 7377
 Fax: +61 (0)2 9428 7379
 Email: sydney@hmagroup.com.au
 Website: www.measurement-resources.com.au



PRINTED IN AUSTRALIA