

MPB SERIES TX175 TRANSMITTING FLOWMETER

The TX175 Flow Transmitter has been designed to meet demanding applications where a transmitted signal proportional to the flow rate, 4 - 20 mA, is required.

The TX175 was developed from the 1750 Series Flowmeter and incorporates the same features.

The TX175, whilst having a wide range of standard flow rates, can be used for almost any liquid or gas process. The materials of construction will assist the designer in selecting a compatible flow transmitter for the medium being processed.

The TX175 is ideal for control requirements in the water, chemical and processing industries.

SERIES TX175 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, OR STAINLESS STEEL CONNECTIONS
- * FLANGED VERSIONS AVAILABLE
- * INTEGRAL SAFETY COVER
- * DIRECT READING OF FLOW RATE
- * MINIMAL MAINTENANCE
- * UTILISES THE MPB GUIDED FLOAT SYSTEM
- * CAN BE USED IN CONJUNCTION WITH THE MPB SERIES FM100 FLOW MONITOR (MPBTB 034)
- * REAR OF PANEL MOUNTING



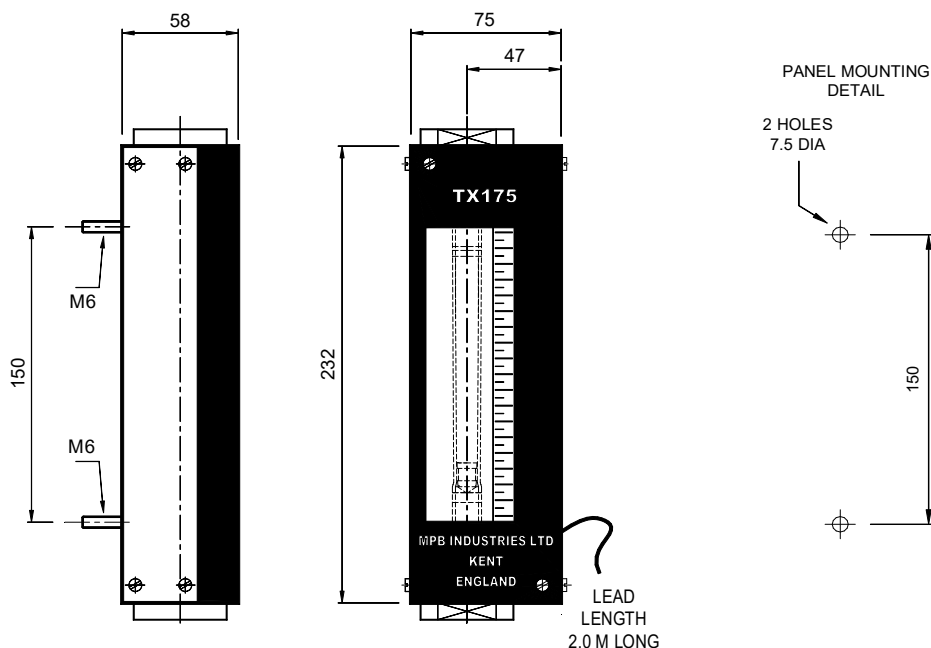
TX175 TRANSMITTING FLOWMETER

Chassis:	Anodised aluminium to BS 1615/AA25	Weight:	1100 grams (typical)
End Connections:	Rigid PVC, brass or Stainless steel	Maximum Working Pressure:	Gas: 6 bar g (non shock) Liquid: 10 bar g (non shock)
Process Connections:	$\frac{1}{2}$ " , $\frac{3}{4}$ " or 1" BSPFF Flanged to customer spec	Maximum Working Temperature:	60°C Nitrile 100°C Viton
Cover:	Acrylic	Accuracy:	$\pm 5\%$ FSD predicted
Seals:	Nitrile or Viton	Operating Voltage:	9VDC to 36VDC with reverse-voltage protection
Metering Tube:	Borosilicate glass with permanently fired metric scale	Output Current:	4 – 20 mA with zero and span adjustment
Scale:	Adjustable scale plate black numerals on white	Connection:	2 metre flying lead
Floats:	Anodised aluminium or Stainless steel		

STANDARD RANGES

AIR @ STP	WATER
15 – 150 l/min	0.5 – 5 l/min
30 – 300 l/min	1.0 – 10 l/min
75 – 750 l/min	2.5 – 25 l/min
150 – 1500 l/min	5.0 – 50 l/min
225 – 2250 l/min	7.5 – 75 l/min
300 – 3000 l/min	10.0 – 100 l/min
	12.5 – 125 l/min

Customised flow ranges are available. Please consult MPB Industries to select the required flow range for the process fluid used.



Due to the constant development and improvement of products, information may be altered or withdrawn without notice.