

SERIES TX175 TRANSMITTING FLOWMETER

GENERAL INFORMATION

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

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

The TX175 Transmitting Flowmeter, 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 Flow Transmitting Flowmeter 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 CUSTOMIZED FLOW SCALES
- EASY IN-SITU TUBE REMOVAL
- RPVC, OR STAINLESS STEEL CONNECTIONS
- FLANGED VERSIONS AVAILABLE
- INTEGRAL SAFETY COVER
- DIRECT READING OF FLOW RATE
- MINIMAL MAINTENANCE
- UTILISES THE MPB GUIDED FLOAT SYSTEM
- REAR OF PANEL MOUNTING



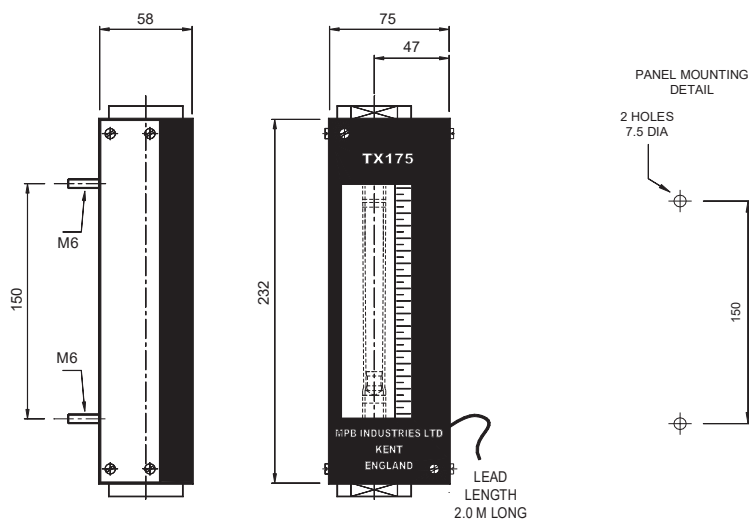
SERIES TX175 TRANSMITTING FLOWMETER

Chassis:	Anodised aluminium to BSEN12373/AA25	Weight:	1100 grams (typical)
Connections:	Rigid PVC, or 303 Stainless steel	Maximum Working Pressure:	Gas: 6 bar g (non-shock) Liquid: 10 bar g (non-shock)
Process Connections:	1/2", 3/4" or 1" BSPPF, or flanged to customer specification	Maximum Working Temperature:	60°C Nitrile 100°C Viton
Cover:	Polycarbonate	Accuracy:	± 5% FSD predicted
Seals:	Nitrile, Viton, EPDM, etc	Connection:	2 metre flying lead
Metering Tube:	Borosilicate glass with permanently fired metric scale	Operating Voltage:	9VDC – 36VDC with reverse-voltage protection
Scale:	Adjustable scale plate black numerals on white Permanently fired black ceramic	Output Current:	4 – 20 mA with zero and span adjustment
Floats:	Anodised aluminium or 316 Stainless steel	Flow reading:	To be taken from scale, level with top of float

STANDARD RANGES

AIR @ 1013 mbar abs 20°C	WATER @ 20°C
15 - 150 L/min	0.5 - 5 L/min
30 - 300 L/min	1 - 10 L/min
50 - 500 L/min	2.5 - 25 L/min
75 - 750 L/min	5 - 50 L/min
150 - 1500 L/min	7.5 - 75 L/min
225 - 2250 L/min	10 - 100 L/min
300 - 3000 L/min	12.5 - 125 L/min

Customised flow ranges are available. Please contact BES Flowmeters to select the required flow range for the process fluid used.



BES Flowmeters Pty Ltd
www.besflowmeters.com.au
sales@besflowmeters.com.au
 Ph: (03) 5956 8685 or 0488 029 256

Due to the constant development and improvement of products, information may be altered or withdrawn without notice.