

Flow Rate Totaliser



The 102D is a high accuracy Rate Totaliser designed to operate with virtually any pulse/frequency generating flowmeters including Turbine, Positive Displacement, Electromagnetic and Coriolis. The unit is powered entirely from the internal replaceable batteries.

The 102D is fully programmable with 10 point linearization curve for improved accuracy, frequency cut off and conversion factors (i.e. rate in Litres – totalise in Tons). A non-volatile memory stores all set up parameters and totals.

Features

- Linearised Input
- Fully Programmable
- Displays Rate, Total and Accumulated Total
- Powered by Long-life Replaceable Batteries
- Panel, Wall and Pipe Mounting
- Watertight to IP67 (Nema 4X)
- CE Compliant

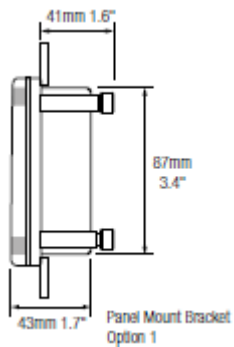


Specifications

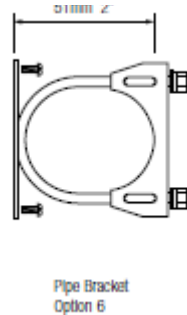
Model Prefix	FRT
Displays	7 digits flow rate, total and accumulated total
Temperature Range	-20°C to +60 °C (-4°F to +140°F)
Battery Power	2 x Lithium batteries (life-time depends upon settings and configuration - up to/ approximately 2 years)
Protection Class	IP67 (Nema 4X) polycarbonate enclosure which is completely watertight
K-factor Range	0.000001 ~ 999,999
Frequency range	0.01Hz to 10kHz
Signal type	Switch settable for sine wave (15mV P-P minimum), open collector, reed switch or pulse.
Inference	CE compliance
Time Base	Rates can be displayed in units per second, minute, hour or day

Dimensions

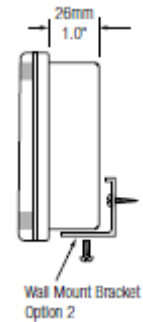
Panel Mount



Wall Mount (standard glands)



Pipe Mount Adapter



Overall sizes:

- 151mm (5.9") width
- 98mm (3.9") height
- 43mm (1.3") depth

Product Codes

102D	Rate Totaliser
Enclosure Mounting	
0	Wall Mounting (no gland holes)
1	Panel Mount Brackets
2	Wall Mounting (standard glands)
6	Pipe Mount Adaptor

Typical Part Number: 102D .2

102D 20-24

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