

DC Powered Batch Controller



The 114D is a high accuracy Batch Controller and is designed for flow applications where the precise control of batch quantities is required. The 114D has an input conditioning circuit which will accept pulse or frequency flow signals. It is designed to operate with digital output flowmeters.

Features

- One or Two Stage Valve Control
- Fully Programmable
- Displays Batch Total, Accumulated Total and Preset
- Panel, Wall and Pipe Mounting
- Watertight to IP67 (Nema 4X)
- CE Compliant

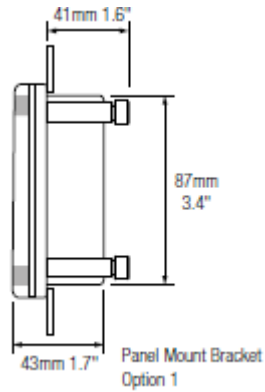


Specifications

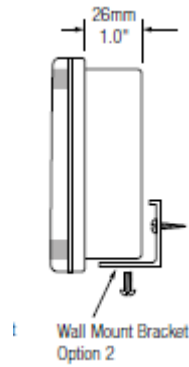
Model Prefix	FRT
Displays	7 digits flow rate, total and accumulated total
Temperature Range	-20°C to +60 °C (-4°F to +140°F)
Battery Power	2 x Lithium batteries (life-time depends upon settings and configuration - up to/ approximately 2 years) which provide back up if the DC power to the controller is interrupted so that totals are not lost
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
DC Power Input	The controller will operate from an external power source between 9 and 28 Volts and draws no more than 4mA
Solid State Outputs	Provide control to solenoids and relays, and can sink up to 200mA
Switching Power	200mA, 30V dc maximum
Saturation Voltage	0.8V dc across outputs

Dimensions

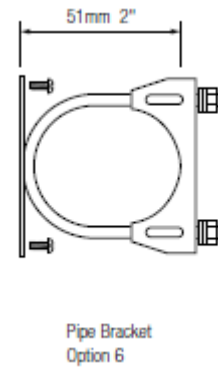
Panel Mount



Wall Mount (standards glands)



Pipe Mount Adapter



Overall Sizes:

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

Product Codes

114D	Batch Controller
Enclosure Mounting	
0	Wall Mounting (no gland holes)
1	Panel Mount Brackets
2	Wall Mounting (standard glands)
6	Pipe Mount Adaptor

Typical Part Number: 114D .2

114D 20-24

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