

Batch Controller



The 424 Batch Controller is suited to flow applications where precise measurement and control of batch quantities is required.

The 424 will interface to most flowmeters generating pulse or frequency outputs.



Features

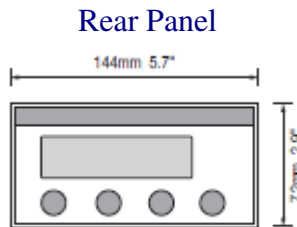
- Displays Batch Total, Preset Quantity, Flow Rate, and Accumulated Total
- Software Control of Flow Input Type and Output Voltage
- Overrun Compensation
- Remote Operation
- No Flow Alarm
- Custom Headers for Ticket Printing
- Universal Mains Input Voltage
- Dual Relay Outputs
- Optional 4-20mA Outputs
- RS485 & R232 Output
- Adjustable Backlight
- Green, Red and Orange LED Status Lamps
- Tactile Keypad for Improved Operator Interaction

Specifications

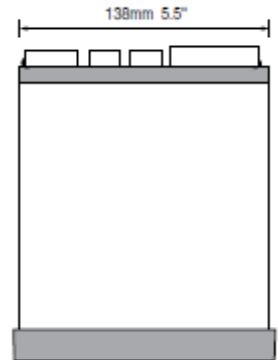
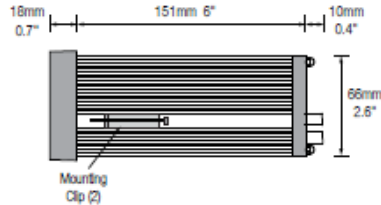
Model Prefix	FRT
Displays	6 digits 17.8mm high LCD
Temperature Range	0°C to 55°C (32°F to 131°F (-20°C to +60 °C (-4°F to +140°F) with Conformal Coating)
Data Retention	All set up parameters and totals are stored in a non-volatile memory with 10 years retention.
Transducer Supply	8-24Vdc software adjustable, 50mA maximum
Power Requirements	DC Supply: 12-28.5Vdc 200mA typical current AC Supply: AC mains universal 100-240V input
Protection Class	IP65 (Nema 4X), ATEX, IECEx, CSA approved enclosures are available for hazardous areas
Frequency range	0Hz to 10kHz

Maximum Load	390 ohms from internal power, 950 ohms if externally powered
Case	Aluminium

Dimensions



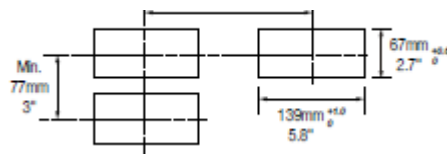
Enclosure Dimensions



Overall dimensions:

- 144mm (5.7") width
- 72mm (2.9") height
- 179mm (7") depth

Panel Cut Out



Product Codes

424	Batch Controller
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Enclosure Mounting

1	Panel Mounting
2	Field Mount Enclosure
3	Explosion Proof Enclosure

4-20mA Output

0	None
1	4-20mA Output

Power Supply

U	Universal 110/240Vac
D	12-28Vdc Supply

Special Options

N	No Option
C	Conformal Coating

Typical Part Number: 424.21UC

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