

Flow Computer



The 425 Flow Computer can handle a wide range of flow applications, where high accuracy and flexibility are required.

It will interface to most flowmeters and accepts most types of pulse inputs.

Features

- Accepts most types of Frequency Flow Inputs
- High Accuracy
- Scaled Pulse Output
- High/Low Flow Alarm Outputs
- RS232 and RS485 Output
- Operates from 12-28Vdc Transducer Power
- Simplified Programming
- Custom Headers for Ticket Printing
- Large LCD Display
- Adjustable Backlight
- Green, Red and Orange LED Status Lamps
- Tactile Keypad for Improved Operator Interaction

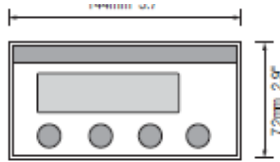


Specifications

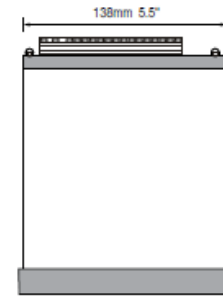
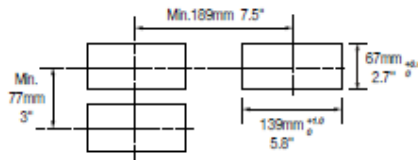
Model Prefix	FRT
Displays	6 digits 17.8mm high LCD
Temperature Range	0°C to 55°C (32°F to 131°F) (-20°C to +60 °C (-4°F to +140°F) with Conformal Coating)
Power Requirements	DC Supply: 12-28.5Vdc 200mA typical current AC Supply: AC mains universal 100-240V input
Transducer Supply	8-24Vdc software adjustable, 50mA maximum
Protection Class	IP65 (Nema 4X), ATEX, IECEx, CSA approved enclosures are available for hazardous areas
Maximum Current	Current sinking transistor output 100mA, 30Vdc maximum
Maximum Load	390 ohms from internal power, 950 ohms if externally powered
Frequency Inputs	0-10kHz

Dimensions

Rear Panel



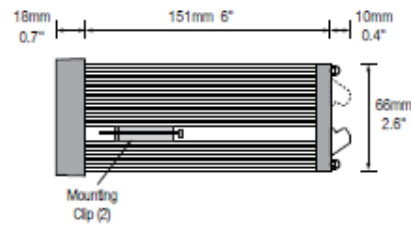
Panel Cut Out



Overall Dimensions:

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

Enclosure Dimensions



Product Codes

425	Flow 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: 425.11UC

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