

**FLOW INDICATOR / TOTALIZER WITH ALARMS**

**9008FR**

- 4 TO 20 MA INPUT OR PULSE
- PANEL MOUNT 1/4 DIN, HIGH IMPACT PLASTIC
- FRONT PANEL MEETS NEMA4 REQUIREMENTS
- 4 DIGIT LED DISPLAY FOR RATE  
8 DIGIT LED DISPLAY FOR TOTAL
- FLOW/TOTAL VALUE, ALARM ASSIGNMENT SET VIA MEMBRANE SWITCH OR IR REMOTE CONTROLLER
- 2 RELAYS PROGRAMMABLE FOR RATE OR TOTAL
- TIME DELAY & FAIL-SAFE RELAY
- TIME BASE IN SECONDS, MINUTES, HOURS AND DAYS
- 3 YEAR WARRANTY



**Introduction**

The Model 9008FR is a digital flow indicator that accepts a 4 to 20mA signal or pulse from a flow meter and displays the flow rate and the totalized flow. 2 Independent alarms can be assigned to either the flow rate or totalized flow, making the unit ideal for batch control.

The flow rate is displayed on a bright 4 digit LED and totalized flow on a 8 digit LED which are updated in less than one second. All parameters including alarm values, reset ect can be assigned using membrane keys on the front panel or by using IR remote controller. This feature allows for easy setting without the use of Potentiometers or even opening the front panel.

The indication accuracy is 0.1% of calibrated range ± 1digit. The alarm set point accuracy is better than ± 0.5 percent of full scale.

**Functional Specifications**

**Indication Accuracy**

0.1% of calibrated range

**Set Point Adjustment**

10~100% of full scale, user selectable

**Reset**

Automatically when the input falls below the alarm set point by approximately +/- 0.5% of full scale.

**Alarm Status Indication**

LED on front panel

**Display Height**

12.5mm (1/2") high

**Alarm Output**

2 sets SPDT, 1 form C, rated 10A @ 250V AC, 50/60Hz

**Stability Over Time**

0.1% of calibrated range +/- 1 digit over 6 months

**Over Range Indication**

Flashing of display

**Response Time**

Typically 75ms

**Operating Temperature**

-50~70°C

**Weight**

0.60Kg (1.3Lb)

**Material of Construction**

High Impact Plastic

**Ordering Information**

Model	Description	
9008FR	Panel Mounted Flow Rate and Totalizer Indicator + Alarms	
	Code	Power Supply
	01	Universal AC Power Supply 90 to 270VAC, 50 ± 5% Hz
	02	18VDC to 28 VDC

9008FR	02	Typical Model Number
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