

DIGITAL PROCESS INDICATOR WITH DUAL RELAYS

9008RR

- 4~20 mA INPUT
- PANEL MOUNT 1/8 DIN, HIGH IMPACT PLASTIC
- FRONT PANEL MEETS NEMA 4 REQUIREMENTS
- 4 DIGIT 0.5" LED DISPLAY
- TWO INDEPENDENT ALARMS
- TIME DELAY & FAIL-SAFE RELAYS
- 3 YEAR WARRANTY



Introduction

The Model 9008RR Life Saver Series Process Indicator accepts the input from a 2 wire transmitter and displays the process variable in engineering units. The engineering units can be made to read -999 to 9999. All settings such as display, alarm settings, reset values can be assigned using membrane keys on the front of the panel or by using a IR remote controller. This feature allows for easy setting and changing alarms without the use of potentiometers or even opening the front panel. The unit operates off a 24V DC power supply commonly available in most Control Rooms. Alternately the unit can be also supplied to work off either a 110V AC 60Hz or 230V AC 50Hz power mains. Provision for powering the transmitter with a 24VDC power supply is available when the unit works off both AC or DC power supply.

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

Functional Specifications

Indication Accuracy

0.1% of Calibrated range +/- 1 digit

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 Set Point Accuracy

+/-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

0.23Kg (0.5Lb)

Material of Construction

High Impact Plastic

Ordering Information

Model	Description	
9008RR	Panel Mounted Process Indicator with Dual Relays	
	Code	Power Supply
	01	110V AC +/-10%, 60Hz
	02	220V AC +/-10%, 50Hz
	03	18~28V DC
9008RR	03	Typical Model Number