

**INDICATING TEMPERATURE TRANSMITTER WITH DUAL RELAYS**

**9008PR**

- TYPE J / K THERMOCOUPLE OR RTD INPUT
- PANEL MOUNT 1/8 DIN, HIGH IMPACT PLASTIC
- FRONT PANEL MEETS NEMA 4 REQUIREMENTS
- 4 DIGIT 0.5" LED DISPLAY
- CHOICE OF DEGREES F OR C
- DUAL RELAYS
- TIME DELAY & FAIL-SAFE RELAYS
- 3 YEAR WARRANTY



**Introduction**

The Model 9008PR Life Saver Series temperature indicator accepts the input from a Pt100 RTD or type J or K Thermocouple and displays temperature in degrees F or C. The 4 digit display reads -999 to 9999 in either unit. The 9008PR allows 2 independent alarms to be assigned over the temperature range of the sensor. All adjustments such as display, alarm settings, reset values can be assigned using membrane keys or by using a IR remote controller. This feature allows for easy setting without the use of potentiometers or even opening the front panel. The unit operates off a 24VDC power supply commonly available in most Control Rooms. Alternately the unit can be also supplied to work off either a 110VAC 60Hz or 230VAC 50Hz power mains.

**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								
9008PR	Panel Mounted Indicating Temperature Transmitter with Dual Relays								
	<table border="1"> <thead> <tr> <th>Code</th> <th>Power Supply</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>110V AC +/-10%, 60Hz</td> </tr> <tr> <td>02</td> <td>220V AC +/-10%, 50Hz</td> </tr> <tr> <td>03</td> <td>18~28V DC</td> </tr> </tbody> </table>	Code	Power Supply	01	110V AC +/-10%, 60Hz	02	220V AC +/-10%, 50Hz	03	18~28V DC
Code	Power Supply								
01	110V AC +/-10%, 60Hz								
02	220V AC +/-10%, 50Hz								
03	18~28V DC								
9008PR	03 Typical Model Number								