

INDICATING TEMPERATURE TRANSMITTER

9008PN

- 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
- 4 TO 20 mA OUTPUT
- 3 YEAR WARRANTY



Introduction

The Model 9008PN Life Saver Series Indicating Temperature Transmitter accepts the input from a Pt 100 RTD or Type J or K Thermocouple and displays temperature in degrees F or C. The 4 digit display reads from -999 to 9999 in either unit. All adjustments are made through membrane switches provided on the front panel or by using a IR remote controller. 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. A 4 to 20 mA signal is provided that can be used for indicating or control purpose.

Ordering Information

| Model | Description | | | | | | | | |
|--------|--|------|--------------|----|----------------------|----|----------------------|----|-----------|
| 9008PN | Panel Mounted Indicating Temperature Transmitter with LED Display | | | | | | | | |
| | <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 |
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| 03 | 18~28V DC | | | | | | | | |
| 9008PN | 03 Typical Model Number | | | | | | | | |

Functional Specifications

Sensor

Type J/K Thermocouple or Platinum RTD (Switch Selectable)

Indication Accuracy

0.1% of Calibrated range +/- 1 digit

Lead Compensation Error

<+/-0.05/10Ω lead resistance

Stability Over Time

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

Temperature Stability

+/-0.01% per Degree C

Burnout Protection

Upscale

Supply and Load Effect

<0.03% of span for full change

Operating Temperature

-50~70°C

Weight

0.18Kg (0.4Lb)

Material of Construction

High Impact Plastic