

**MULTICHANNEL PROCESS SCANNER**

**9008TP**

- TYPE J / K THERMOCOUPLE, RTD or 4-20mA INPUT
- 8 or 16 CHANNELS
- PANEL MOUNT 1/4 DIN, HIGH IMPACT PLASTIC
- FRONT PANEL MEETS NEMA 4 REQUIREMENTS
- 4 DIGIT 0.5" LED DISPLAY FOR PROCESS VARIABLE  
2 DIGIT 0.3" LED DISPLAY FOR CHANNEL
- SELECTABLE DECIMAL POINT
- ENGINEERING UNITS DISPLAY SET VIA MEMBRANE SWITCHES
- FOUR ASSIGNABLE ALARMS
- TIME DELAY & FAIL-SAFE RELAYS
- 3 YEAR WARRANTY



**Introduction**

The Model 9008TP Life Saver Series Multichannel Process Scanner accepts up to eight or sixteen sensor inputs of RTD Pt-100, Thermocouple (J or K) or 4-20 mA. Each channel can be individually programmed to accept the required input and display the process variables sequentially on the digital display at an adjustable scan rate. A separate display indicates the corresponding Channel number being scanned. The 4 digit display reads -999 to +9999 in either unit. The Scanner has four independently settable Relay change-over contacts for effecting any desired control action. Further, an array of LEDs indicate the channels in alarm condition at any given time. Other features include Channel Hold, Skip, Scan Rate settings, faulty channel indication, etc.

The instrument operates off a Universal AC Power Supply 85 to 270VAC, 50 ± 5% Hz.

**Functional Specifications**

**Setting & Calibration**

Via membrane switches on the front panel

**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 (0.5") high, Process Variable Indication

8.5mm (0.3") high, Channel Indication

**Alarm Output**

4 sets SPDT, 1 form C, rated 10A @ 230V 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
9008TP	MULTICHANNEL PROCESS SCANNER
	08 8 CHANNELS
	16 16 CHANNELS

9008TP	08	Typical Model Number
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