

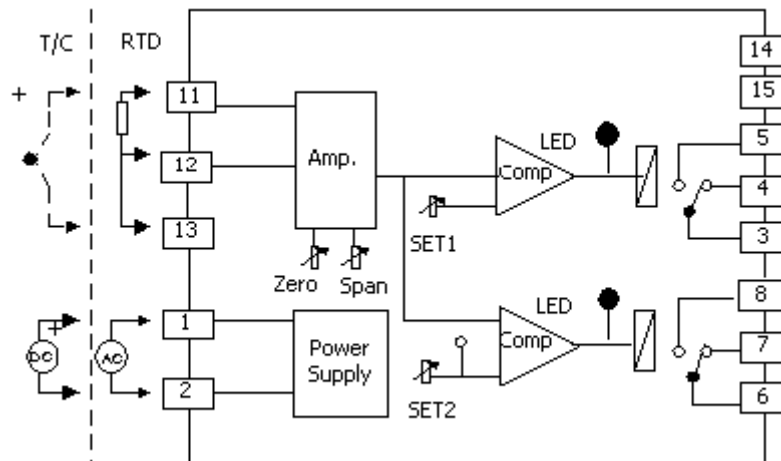
Temperature Indicator

TI95



- 3 1/2 digits LED display
- Thermocouple or RTD Sensor
- 2 alarm setpoint with relay contact output
- High or low alarm selectable

Temperature Indicator TI95 This device displays temperature readings numerically and is compatible with thermocouple or RTD sensors. It features two configurable alarm setpoints with relay contact outputs. Alarm setpoints are adjusted via multi-turn potentiometers, allowing for precise configuration, and each alarm channel can be set to operate as either a high alarm or a low alarm.



Specifications

Monitor

Display: 3 ½ Digits, 14.2 mm. (7-segment)

Display Color: Red (std)

Read Rate: 2.5 / sec.

Display Hold: Available by external contact

Temperature Input

Number of channel: 1 Channel

Input type: Temperature, PT100

Input range:

Pt100 ((-)100 to 100 °C, 0 to 199.9 °C, 0 to 500 °C

Thermocouple Type K (0 to 1200 °C)

Thermocouple Type R (0 to 1600 °C)

Thermocouple Type S (0 to 1600 °C)

Thermocouple Type J (0 to 600 °C)

Thermocouple Type L (0 to 600 °C)

Relay Output

Number of channel: 2 Channels (Alarm)

Relay type: SPDT

Contact Rating: 3 A @ 250 VAC

Alarm Mode: High - Low, High - High, Low - Low (selectable)

Alarm set point: setpoint adjustable 0 to 100%

Power Requirements

Power Supply: 110, 220 VAC

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W96 x H48 x D120 mm.

Panel Cutout: W90 x H40 mm.

Mounting: Panel flush mounting

Wiring: Screw terminals

Warranty

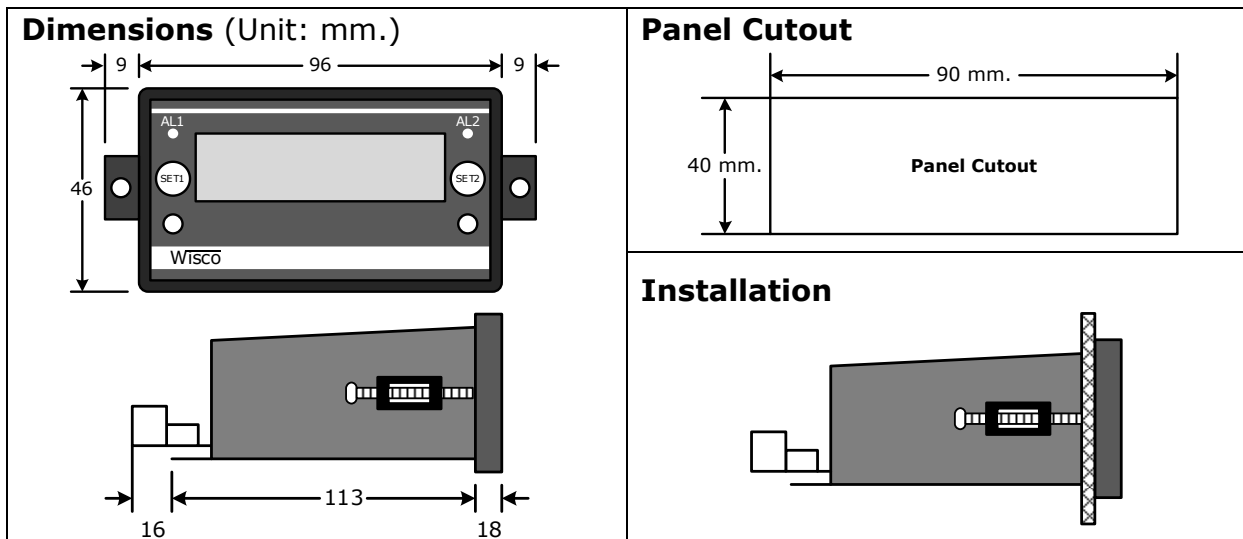
Warranty Period: 5 Year

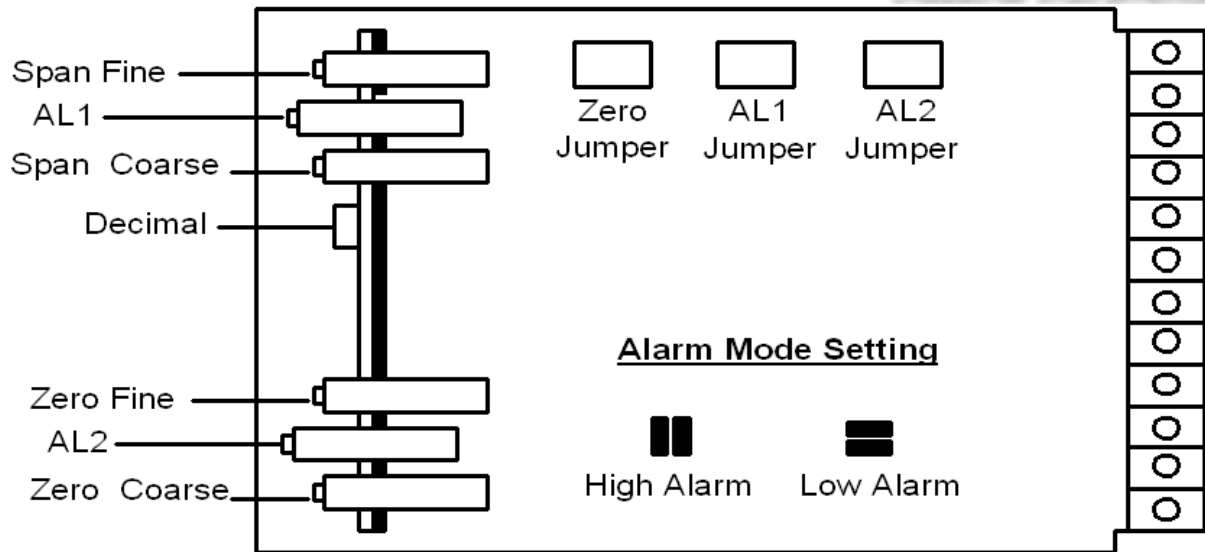
Ordering Information: Specify Input, Alarm mode, Power supply

Example TI95/K/0-1200°C/High-Low/220VAC

Package Checklist

1. TI95





How to set an alarm

1. To select the alarm mode (High Alarm or Low Alarm), configure the AL1 and AL2 jumpers as shown in the figure.
2. Alarm Setpoint Setting: Press and hold the "SET" button on the front panel; the display will show the current Alarm Setpoint value. Use a screwdriver to adjust the Alarm Setpoint control located below the "SET" button to the desired value ("SET1" adjusts Alarm AL1, and "SET2" adjusts Alarm AL2).