

# TEMPSEN SOLUTION PARTNER IN INDICATOR TECHNOLOGY

## Portable Temperature Indicator

## TPI Series

Tempsen Portable indicator accept input RTD, Thermocouple. TPI are digital electronic marvels is a power full indicator. The indicator Measure temperature. Low power consumption use LCD. The input Is passed through suitable filters to eliminate unwanted signals. Low Thermal drift operational amplifier ensures good stability. Calibration Point can be set very accurately. TPI are available in many models. When Indicate" 1" sensor is open condition . The instrument is housed In a compact Plastic case .TPI Series indicator DC Battery Operated Cold junction compensation is standard feature in Thermocouple input.



Tempsen also offers Different types of Rtd sensor and Thermocouples. Sensor signals passed through compensating connector. The portable indicator have low battery indication.

The indicator is compact size, priced very competitive. The unit can be drawn from the front for Easy servicing. Product Quality Certified.

### Technical Data

Input	: RTD or Thermocouple or Voltage
Display Range	: As per Input (-200 to 1700°C)
Display	: 3 ½ , Digit LCD Display
Accuracy	: 0.5 % or 0.25 % ± digit of span
Resolution	: 1 °C or 0.1 °C
Operating Voltage	: 9 VDC Battery or AC adapter
Bezel Dimension	: 155X66X25 mm
Operating Conditions	: Temperature : 0 to 50 °C, Humidity : 0 to 80 % Rh

### Ordering Guide

#### Model : TPI Series

### Order Example

#### TPI-1211123

Code	1	2	3	4
Operating Voltage	9 VDC	110 VAC	230VDC	Others
Input	RTD pt 100	Thermocouple	Voltage	Others
Range	-200 to 200 °C	0-400 °C	0-1200 °C	Others
Accuracy ±	0.25 %	0.5 %	0.75%	Others
Voltage Input	0-50 mVDC	0-100 mVDC	0-1 VDC	Others
Thermocouple	IC- J	Cr/Al -K	Pt Pt Rh - S	Others
Bezel Size	155X66 mm	-	-	Others



Since 1987

## TEMPSEN DEVICES

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