

TEMPSEN SOLUTION PARTNER IN CONTROLLER TECHNOLOGY

Humidity Temperature Controller

THTC Series

Tempsen Humidity Temperature Controller accept input RTD, Thermocouple, Voltage, Current. The Controller suitable for Humidity Temperature and provide power supply for transmitter. 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. THTC are available in many models. When Indicate "1" sensor is open condition. The instrument is housed in a compact sheet metal case. AC Mains or DC Voltage Operated Cold junction compensation is standard feature in Thermocouple input.



Tempsen also offers Humidity Temperature Indicators, Recorder and PC Based data Logging system as your requirement of application. Large display (1", 2", 4") indicator is available.

The Controller 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 or Current
Display Range	: As per Input
Display	: 3 ½, 4 ½ Digit LED seven segment Display
Accuracy	: 0.5 % or 0.25 % ± digit of span
Large Display size	: 1" or 2" or 4"
Operating Voltage	: 24 VDC or 110 VAC or 230 VAC
Bezel Dimension	: 48X96 or 72X72 or 96X96 mm
Operating Conditions	: Temperature : 0 to 50 °C, Humidity : 0 to 80 % Rh

Ordering Guide

Model : THTC Series

Order Example

THTC-1111212

Code	1	2	3	4
Operating Voltage	230 VAC	110 VAC	24VDC	Others
Temp Input	RTD pt 100	Thermocouple	Voltage	Current
Humi Input	Voltage	Current	-	Others
Display Size	0.5 inch	1 inch	2 inch	4 inch
Accuracy ±	0.25 %	0.5 %	0.75%	Others
Optional Type	indicator	Controller	Recorder	PC Based
Bezel Size	192X96 mm	192X110 mm	96X96 mm	Others



Since 1987

TEMPSEN DEVICES

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