

# TEMPSEN SOLUTION PARTNER IN SENSOR TECHNOLOGY

## Humidity Temperature Sensor

## THTS Series

THTS humidity and temperature sensor module is designed Base capacitive humidity and temperature by TempSen devices. This Product utilizes humidity sensor capacitor (HS1101,France Humirel) And Temperature sensor (LM-32 ,America) with characteristics of Stable ,High accuracy , quick response ,good crossing-over and it also Use craftwork of SMD, and so own extremely small body , stable and Reliably performance. The quality guarantee time is 12 months. There Are three model only temperature, only humidity output, humidity with temperature output.



TempSen also offers Humidity / Temperature Indicator, Controller , Recorder PC based data logging system . wall mounting , panel mounting also available Large display (1",2",4") Indicating controller is available.

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

### Technical Data

Operating Voltage	: 5 VAC $\pm$ 1 VDC
Temperature Range	: 0 to 70 $^{\circ}$ C
Humidity Range	: 0 to 100 % rH
Accuracy	: $\pm$ 2 %rH or $\pm$ 0.5 $^{\circ}$ C
Humidity Output	: 0 to 3 VDC
Temperature output	: RTD pt 100 O or 0 to 0.7 VDC
Dimension	: 35.5 X21.6X10 mm
Operating Conditions	: Temperature : 0 to 50 $^{\circ}$ C, Humidity : 0 to 80 % Rh

### Ordering Guide

#### Model : THTS Series

### Order Example

#### THTS-3112114

Code	1	2	3	4
Operating Voltage	230 VAC	110 VAC	5VDC	Others
Temp Output	RTD pt 100	Voltage	Current	Others
Humidity Output	Voltage	Current	-	Others
Humi Accuracy $\pm$	1 %	2 %	3%	Others
Temp Accuracy $\pm$	0.25 $^{\circ}$ C	0.5 $^{\circ}$ C	1 $^{\circ}$ C	Others
Type	WO -Indicator	W- Indicator	W-Controller	Others
Indicator Size	96X96 mm	192X96 mm	192X110 mm	Others



Since 1987

## TEMPSEN DEVICES

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