

# TEMPSEN SOLUTION PARTNER IN SENSOR TECHNOLOGY

## Thermocouples

## TTH Series

Tempsen have many type of thermocouples ( B,R,S,K,J,T,E) Maximum recommended Ambient to 400 °C use J type (IC) , Ambient to 1200 °C use K type (Cr/Al) , Ambient to 1700 °C use S type (Pt Pt Rh -10%) , Base metal J type recommended for oxidizing and reducing atmosphere. Chromel/ Alumal K type recommended for oxidizing and neutral condition not recommended for reducing atmosphere. Stainless steel and MI suitable for general heat treatment. Mild steel for low temperature ovens. low temperature upto 150 °C Teflon/Teflon wire type Thermocouple.



Tempsen also Offers simplex and duplex thermocouple. High accuracy Master thermocouple, compensating cable and compensating connector suitable For your application. Customized application also available.

The thermocouple is good Quality , priced very competitive. The unit can be drawn Easy to servicing. Product Quality Certified.

### Technical Data

Thermocouple Type	: B,R,S,K,J,T,E
Thermocouple Range	: Ambient to 1700 °C
Material Used	: MS or SS or Ceramic
Accuracy	: ± 0.5 % or 0.25 % FSD
Standard Dia	: 3 to 25 mm
Standard Length	: 50 mm to 2000 mm
Cable Type	: PVC or Teflon/ metal or Teflon/Teflon

### Ordering Guide

#### Model : TTH Series

### Order Example

#### TTH-2232214

Code	1	2	3	4
Type	J	K	S	Others
Range	400 °C	900 °C	1200 °C	1700 °C
Length	100mm	150mm	300 mm	Others
Accuracy ±	0.25 %	0.5 %	0.75%	Others
Diameter	3mm	6mm	12 mm	Others
Structure	Head	wire	Weather proof	Others
Material	MS	SS	Ceramic	MI



Since 1987

## TEMPSEN DEVICES

Friendly Experts in Business

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