



# Thermocouple Temperature Sensor K Type-1M

SKU 314010199

A thermocouple is an electrical device consisting of two dissimilar electrical conductors forming electrical junctions at differing temperatures. A thermocouple produces a temperature-dependent voltage as a result of the thermoelectric effect, and this voltage can be interpreted to measure temperature.

The thermocouples have a much larger measurement range than thermistors, this one on our website has a measurement range of  $-50^{\circ}\text{C}$  to  $+600^{\circ}\text{C}$ . And there are several types of thermocouple, this is a type K, which means Chromel for "+", and Alumel for "-".

This thermocouple works great with our Grove - High Temperature Sensor.

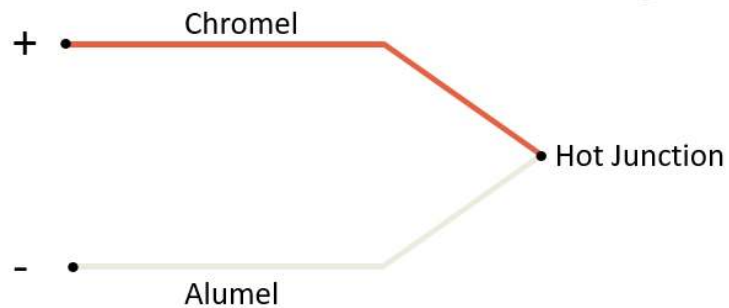
## Features

- High measurement range
- Easy to use

## Typical Applications

- Medical
- Appliances
- Industrial
- HVAC(Heating, Ventilation and Air Conditioning)

## Assembling Drawing



## Technical Details

Dimensions	1000mm x 3mm x 3mm
Weight	G.W 25g N.W 20g
Battery	Exclude
Thermocouple Type	K
Temperature Range	-50 ~ +600°C
Wire Length	1M
Thread diameter	3mm

*Part List*

Thermocouple Temperature Sensor K Type-1M	1
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*ECCN/HTS*

ECCN	EAR99
HSCODE	9025900090

*Certification*

RoHS	Compliant
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