

RB-See-351

Grove High Temperature Sensor



Thermocouples are very sensitive, requiring a good amplifier with a cold - compensation reference. The Grove - Temperature Sensor USES a K type thermocouple Temperature detection, with a Thermistor to detect The ambient Temperature as Temperature compensation. The detectable range of this Sensor is -50-600°C , and The accuracy is $\pm(2.0\% + 2^{\circ}\text{C})$

Specifications

- Voltage: 3.3 ~ 5V
- Max power rating at 25°C: 300mW
- Operating temperature range: -40 ~ +125°C
- The temperature measurement range is (-50 ~ +600°C)
- Amplifier output voltage range (0 ~ 3.3 V) mv
- Cold junction compensation (environment temperature measurement)
- Thermocouple temperature measurement accuracy of + / - 2.0% (+ 2°C)

Includes

- Grove - High Temperature Sensor x1
- Thermocouple Temperature Sensor x1
- 24AWG Grove Cable - 4P-4P-2.0-200mm x1