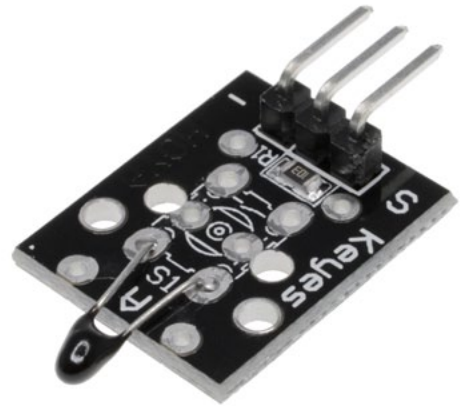


ARD 2 **Arduino Compatibles**
Controllers, Shields, Modules & Sensors

Analog Temperature Sensor ARD2-2213

- **Thermistor-based analog temperature sensor**
- **Accurately measure temperature without calibration**
- **Applications include gardening & home alarm systems**

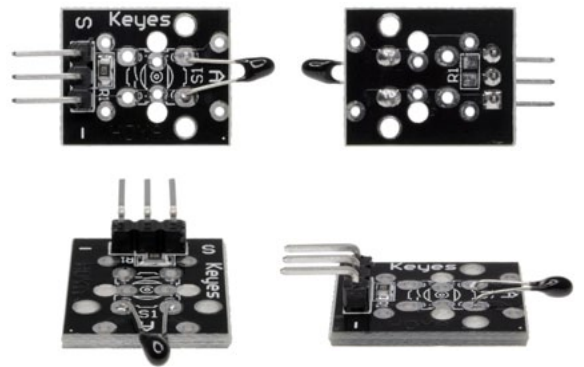


Description

This thermistor-based analog temperature sensor can be used with an Arduino to return the ambient temperature value in Celsius. Uses a 10K Ohm resistor in series with a thermistor to give an analog output.

Specifications

Temperature Range	-55°C – +125°C
Resolution	9–12 bits (configurable)
Protocol	Dallas 1-Wire
Accuracy	±5°C
Dimensions	20mm x 15mm x 5mm (LxWxH)
Software	Arduino library available
Colour	Black
Material	PCB



Pinout

Module	Arduino	Function
S	AO	Analog Out
Middle	5V	Power
-	Ground	Ground Connection