

412 ARDUINO TEMPERATURE HUMIDITY SENSOR AM2301

Description:

The DHT21 digital temperature sensor is one of the commonest from the range of DHT temperature sensors and boasts a relatively high temperature measurement accuracy of 0.5°C in 0.1°C steps with a relative humidity accuracy of +/- 3%. It has only 3 wires, including power and ground, meaning only one digital pin is required to interface it to a microcontroller...



features:

- 1) 100% brand new and high quality
- 2) Ultra-low power
- 3) No additional components
- 4) Excellent long-term stability
- 5) All calibration, digital output
- 6) Completely interchangeable
- 7) Long distance signal transmission
- 8) Relative humidity and temperature measurement

Specifications:

- 1) Type: AM2301 (DHT21)
- 2) Accuracy resolution: 0.1
- 3) Measurement range: 0-100%RH
- 4) Temperature measurement range: -40°C ~ +80°C
- 5) Humidity measurement precision: $\pm 3\%$ RH
- 6) Temperature measurement precision: $\pm 0.5^\circ\text{C}$
- 7) Size: 5.7cm x 2.6cm x 1.5cm (approx.)