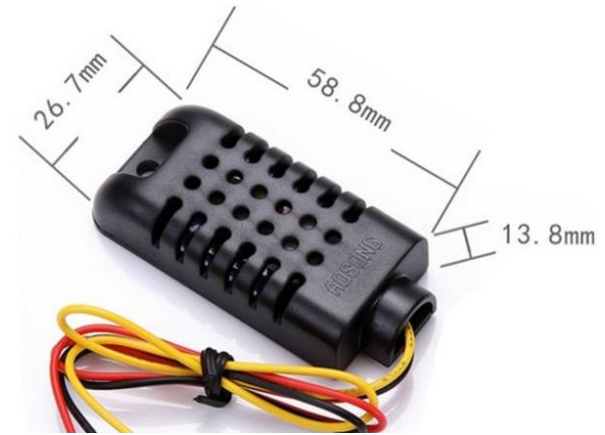




Dimensions:



Temperature and humidity sensor is an analog signal output combined sensor with 5VDC power supply. It is compact and extremely simple to apply as it contains only the necessary circuitry and no need to provide additional control circuitry with high reliability and excellent long-term stability.

These sensors can measure a wide range of humidity – from 5(%) to 95(%)RH and -40°C to 100°C.

Applications; HVAC, Test and inspection equipment, Data Logger, Consumer goods, Automatic control Stations, Appliances, Humidifiers, Medical, Dehumidifier single-wire to send data. The digital sensors can be cascaded to the Maple Edge-I, TCU-800 series controllers directly.

Hardware Specifications:

Voltage: 4.75 to 5.25V

Current: 1.0mA max

Humidity: Good for 5-95% humidity readings with 2-5% accuracy

Temperature: Good for -40 to 100°C temperature readings $\pm 2^\circ\text{C}$ accuracy

Sampling: No more than 0.5 Hz sampling rate (once every 2 seconds)

Dimensions: Body size 27mm x 59mm x 13.5mm (1.05" x 2.32" x 0.53")

Weight: 50gm with 1m cable length