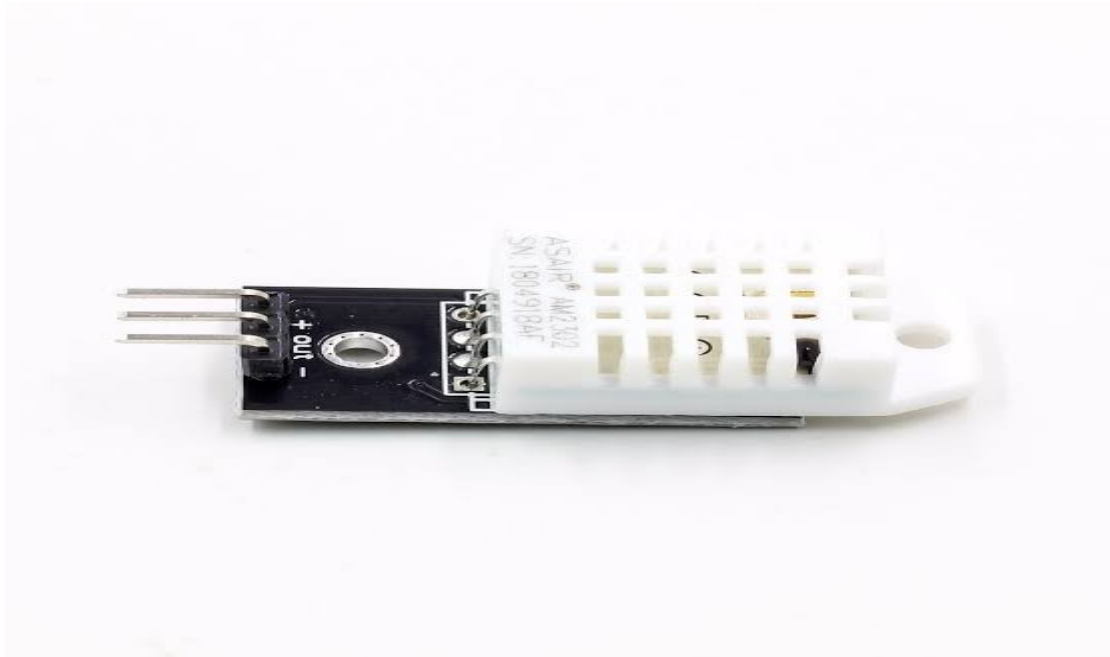


DHT22



The DHT-22 (also named as AM2302) is a digital-output relative humidity and temperature sensor. It uses a capacitive humidity sensor and a thermistor to measure the surrounding air, and spits out a digital signal on the data pin.

DHT222 temperature measuring range is from -40 to +125 degrees Celsius with ± 0.5 degrees accuracy, while the DHT11 temperature range is from 0 to 50 degrees Celsius with ± 2 degrees accuracy.

Also the DHT22 sensor has better humidity measuring range, from 0 to 100% with 2-5% accuracy, while the DHT11 humidity range is from 20 to 80% with 5% accuracy.

They consist of a humidity sensing component, a NTC temperature sensor (or thermistor) and an IC on the back side of the sensor.