

DHT11 Temperature and Humidity Sensor Module Digital Output 3.3V-5V

slug: dht11-digital-relative-humidity-and-temperature-sensor-module



TECHNICAL SPECIFICATIONS & SUMMARY

[Temperature Sensor] The DHT11 Temperature and Humidity Sensor Module is a compact and reliable environmental sensing module designed to measure surrounding temperature and humidity levels. Based on the popular DHT11 sensor, it combines a humidity sensing component and a temperature sensor with a calibrated digital signal output. In addition, the module provides direct digital data output, eliminating the need for complex analog signal processing. As a result, it can be easily interfaced with Arduino, ESP32, Raspberry Pi, STM32, and other microcontroller platforms. Because of its low power consumption and stable performance, the DHT11 sensor is widely used in weather monitoring systems, home automation, greenhouse monitoring, HVAC systems, and educational electronics projects. Furthermore, the onboard mounting holes allow quick and secure installation. The module operates from 3.3V to 5V DC, making it suitable for both 3.3V and 5V microcontroller systems. Moreover, it offers good long-term stability and reliable environmental monitoring performance. Key

UNIT PRICE (EX. GST)

Rs. 79

WITH 18% GST

Rs. 93

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