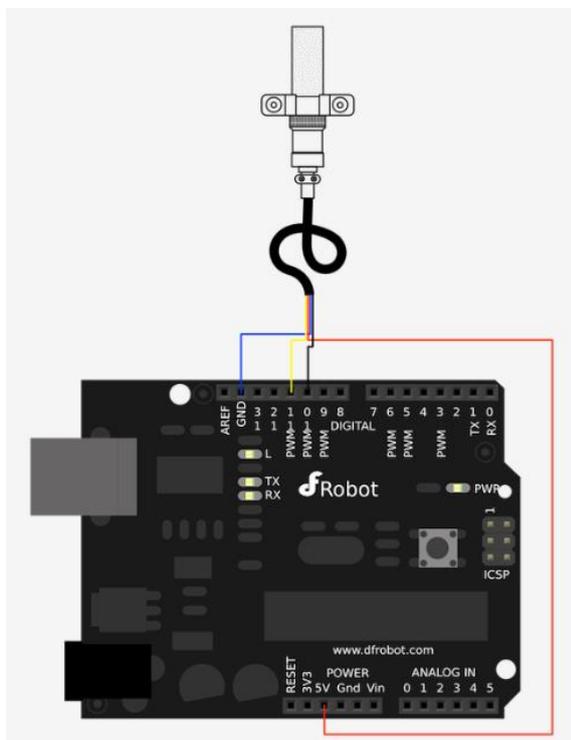


Digital Temperature & Humidity Sensor (With Stainless Steel Probe)

This is an anti-rust, robust and precise SHT10 sensor, which can master enterprise-class and industrial-level applications. It can be applied in various fields: telepoint base stations, electronic control cabinet, production site, storehouse, machine rooms, greenhouses, animal farming, medicine stock and etc. Metallic package enables it to deal with the very dusty or other severe circumstance. the wall-hanging style makes it easy to install.

The metallic mesh covering the sensor adopts method of infiltrating copper during sintering to enhance the temperature resistance, pressure resistance, and wearing resistance of it. The 2-wire serial interface and internal voltage regulation allows for easy and fast system integration. Moreover, it's Arduino compatible and we will supply the library for it.

Caution: the line to the ground is blue instead of black.



SPECIFICATION

Power consumption: 0.15mW(Average)

Interface Type: Two-Wire interface(Digital)

Red wire - 5v

Blue wire - GND

Yellow wire - Clock wire

Black wire - Data wire

Humidity Ranger:0-100%RH

Temperature ranger: -10-80°C

Humidity accuracy:±5.0%RH

Temperature accuracy:±0.5°C

Size: 49mm x 14mm (1.93" x 0.55")

Cable Length: 90 cm