seeed studio

INDUSTRIAL PRODUCT DATASHEET

Soil Moisture & Temperature Sensor

Industrial-grade Soil Moisture & Temperature Sensor with high-resolution SHT-10 and corrosion-resistant mesh for accurate agricultural monitoring.

SKU	UPDATED	PRICE
314010012	2026-04-09 13:31:29	$39.90(Excl. VAT)



Overview



The Soil Moisture & Temperature Sensor provides precise monitoring of soil moisture and temperature, ideal for agricultural applications. It features a high-resolution SHT-10 sensor, durable corrosion-resistant copper sintered mesh, and an industrial-grade design with serial two-wire interface.

Key Features

Note

This product is currently discontinued. To view and buy our latest industrial-grade Soil-Moisture & Temperature Sensor, kindly follow the **link here.**

Moisture and temperature of soil are two main concerns in agricultural area. This sensor is prepared for applications that require precise monitoring over moisture and temperature conditions. The SHT-10 sensor inside brings satisfying high resolution. The typical temperature resolution is 0.4°C, while typical moisture resolution is 3%RH. With a copper sintered mesh over the sensor, you have no worry about its anticorrosion performance.

Features

- High resolution
- Durable, stable and reliable
- Industrial level gadget
- Serial two-wire interface
- Individually calibrated

Specifications

- Temperature measuring range: -40 ~ +123.8°C
- Moisture measuring range: 0 ~ 100% RH
- Temperature accuracy: ±0.4°C
- Moisture accuracy: ±3%RH
- Cable in length: 1m
- Wires: Red = VCC (3-5VDC), Black or Green = Ground, Yellow = Clock, Blue = Data.

Dimensions

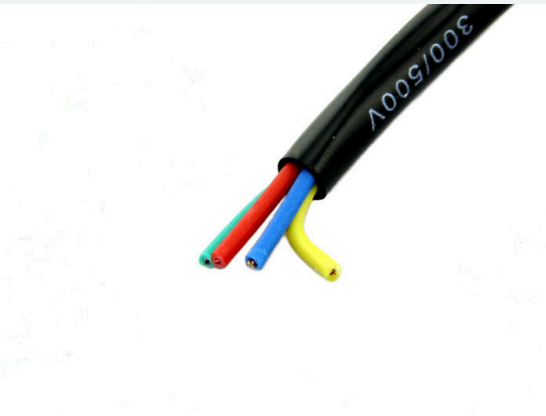
Documents

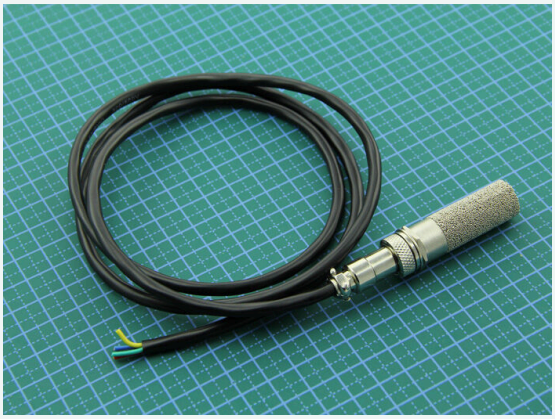
- **Datasheet**
- **Arduino library to support SHT1x-series**

For any technical support or suggestion, please kindly go to our **forum**.

Product Gallery







Compliance & Logistics

HSCODE	9025800000
USHSCODE	9025801000
UPC	841454116240
EUHSCODE	9013101000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Soil-Moisture-Temperature-Sensor-p-1356.html

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com