

Capacitive Soil Moisture Sensor Not Easy To Corrode Wide Voltage Module For Arduino



Introduction

Our soil moisture sensor measures soil moisture levels by capacitive sensing rather than resistive sensing like other sensors on the market. It is made of corrosion resistant material which gives it an excellent service life. Insert it in to the soil around your plants and impress your friends with real-time soil moisture data! This module includes an on-board voltage regulator which gives it an operating voltage range of 3.3 ~ 5.5V. It is perfect for low-voltage MCUs, both 3.3V and 5V. For compatibility with a Raspberry Pi it will need an ADC converter. This sensor is compatible with our 3-pin "Gravity" interface, which can be directly connected to the Gravity I/O expansion shield.

Specification

- Size: approx. 99*22mm
- Operating Voltage: DC 3.3-5.5V
- Output Voltage: DC 0-3.0V
- Interface: PH2.0-3P
- Includes an on-board voltage regulator which gives it an operating voltage range of 3.3 ~ 5.5V.
- Measures soil moisture levels by capacitive sensing.
- Insert it into soil and impress your friends with the real-time soil moisture data.
- Supports 3-Pin Gravity Sensor interface.
- Analog output.
- Compatible with DFRobot 3-pin "Gravity" interface, which can be directly connected to the Gravity I/O expansion shield.
- Fine workmanship and good performance.
- Durable in use.
- Used to Garden plants, moisture detection, intelligent agriculture.