

Capacitive Soil Moisture Sensor V2.0



This capacitive soil moisture sensor V2.0 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 excellent service life. Insert it into the soil around your plants and impress your friends with real-time soil moisture data!

This module includes an onboard 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 soil moisture sensor is compatible with our 3-pin Gravity interface, we can connect to the Gravity I/O expansion shield.

FEATURES:

- Supports 3-Pin Gravity Sensor interface
- Analog output

SOFTWARE:

Arduino IDE V1.6.5

SPECIFICATIONS:

- Operating voltage: 3.3V~5V
- Output voltage: 0 ~ 3.0 VDC
- Operating Current:
- Interface: PH2.54-3P
- Dimensions mm (L x W x H): 98 x 23x 4
- Weight (gm): 15

APPLICATIONS:

- Garden plants
- Moisture detection
- Intelligent agriculture

PACKAGE INCLUDES:

1 x Capacitive Soil Moisture Sensor V2.0