

Soil Moisture Sensor (with Screw Terminals)

SEN-13637

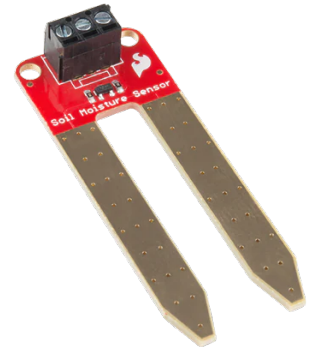
Product Overview

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Description

SparkFun Soil Moisture Sensor (with Screw Terminals) can be used to measure the moisture in soil and similar materials. This easy-to-use soil moisture sensor has two large, exposed pads that function as probes for the sensor, together acting as a variable resistor. The conductivity between the pads is better when there is more water in the soil, resulting in a lower resistance and a higher SIG out. This version of the soil moisture sensor includes a 3-pin screw pin terminal pre-soldered to the board for easy wiring and setup.



The VCC and GND pins are connected to an Arduino-based device (or compatible development board) to get the SparkFun Soil Moisture Sensor functioning. The user will receive a SIG out, which will depend on the amount of water in the soil. SparkFun have had PCB coated in gold finishing (ENIG, or Electroless Nickel Immersion Gold) to combat short lifespan of the soil moisture sensor when exposed to a moist environment.

Features

- Easy to use
- PCB coated in gold finishing
- 3-pin screw pin terminal is pre-soldered to the board

Mouser Part Number

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