Octopus Soil Moisture Sensor Brick

The Pi Supply Octopus Soil Moisture Sensor Brick can read the amount of moisture present in the soil surrounding it. It's a low tech sensor, but ideal for monitoring an urban garden, or the water level in plant pots. This is a must have tool for an IoT garden.

This sensor uses the two probes to pass current through the soil. It then reads the resistance to get the moisture level. More water makes the soil conduct electricity more easily (less resistance), while dry soil conducts electricity poorly (more resistance).

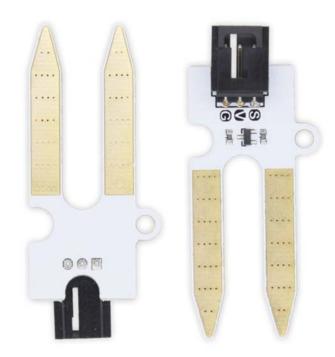**What are Octopus Electronic Bricks?**

Pi Supply Octopus Electronic Bricks can be used to build electronics projects just as easy as piling bricks. You can also connect Arduino compatible boards easily with various digital, analog and I2C/Uart interfaces. The breadboardless connections let you connect expansion modules like potentiometers, sensors, relays, servos, buttons in a plug and play way.

Specification

- Power supply: 3.3v or 5v

- Output voltage signal: 0~4.2v

- Current: 35mA

- Pin definition:

- Analog output(Yellow wire)

- GND(Black wire)

- Power(Red wire)

What's Included

- 1 x Moisture sensor
- 1 x Analog Sensor Cable

https://uk.pi-supply.com/products/octopus-soil-moisture-sensor-brick?_pos=1&_sid=138fa81c7&_ss= r/8-1-19