

Soil Moisture Analog Sensor



Introduction

This Soil Moisture Analog Sensor could detect the soil humidity. It is very useful if you want to build an intellectual garden. Imagine that your device could water your planting while it needs water. Or on occasion that you are away on a trip, you don't need to worry about your planting. This sensor is part of our auto-planting system kits (coming soon).

Specification

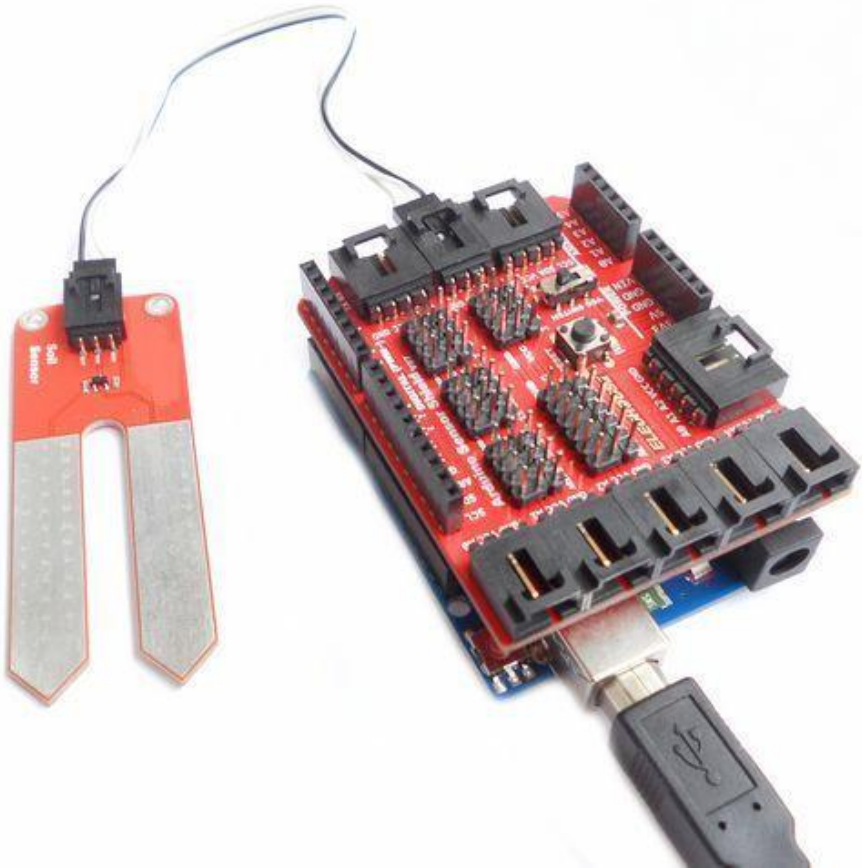
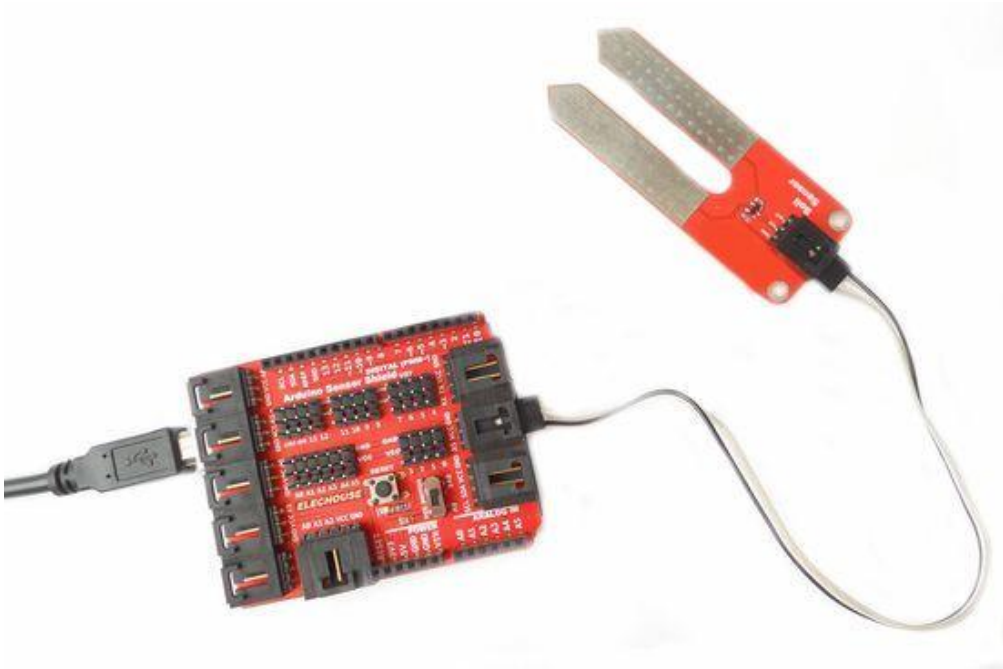
- 1、 Power supply: 3.3v or 5v
- 2、 Output voltage signal: 0~4.2v
- 3、 Current: 35m A

Usage

Arduino	Moisture Sensor Module
5V	VCC
A5	OUT
GND	GND

The out pin of Moisture Sensor Module could be connected to any analog input pin of Arduino.

If you have [Arduino Sensor Shield](#), you could plug in and pay.



Code

The example code is very simple.

```
void setup(){  
  
  Serial.begin(9600);  
  
}  
  
void loop(){  
  
  Serial.print("Moisture Sensor Value:");  
  Serial.println(analogRead(A5));  
  delay(100);  
  
}
```

You might need to do the test first, to find out what value is the threshold value.

