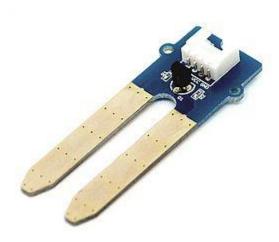
#### RB-See-186

## **Seeedstudio Grove Moisture Sensor**

#### **Grove - Moisture Sensor**

### Introduction

This Moisture Sensor can be used to detect the moisture of soil or judge if there is water around the sensor, let the plants in your garden reach out for human help. They can be very to use, just insert it into the soil and then read it. with help of this sensor, it will be realizable to make the plant remind you: hey, i am thirsty now, please give me some water.



## **Features**

- Easy to Use
- 2.0cmX6.0cm grove module
- feature3

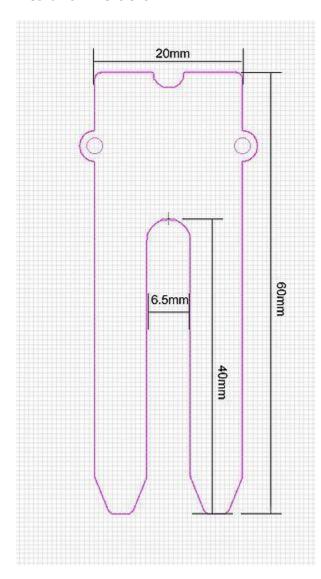
# Specification

Item	Min	Typical	Max	Unit
Voltage	3.3	/	5	V
Current	0	/	35	mA

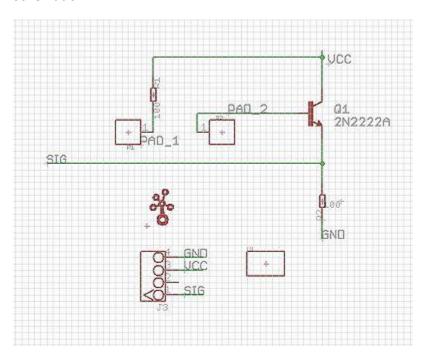
# **Application Ideas**

- Botanical gardening
- Water sensor
- Application3

# **Mechanic Dimensions**



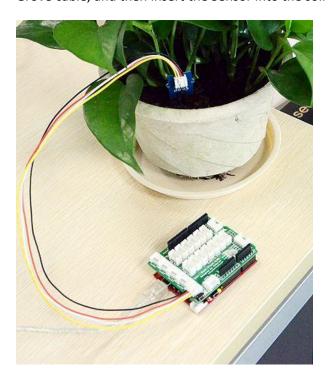
## **Schematic**



# Usage

# **Hardware Installation**

Connect this module to one of analog connectors (eg. A0&A1) of Grove - Base Shield with the 4 pin Grove cable, and then insert the Sensor into the soil or place it anywhere you want.



### **Programming**

```
Includes important code snippet. Demo code like:

int sensorPin = A0; // select the input pin for the potentiometer

int sensorValue = 0; // variable to store the value coming from the sensor

void setup() {

// declare the ledPin as an OUTPUT:

Serial.begin(9600);
}

void loop() {

// read the value from the sensor:

sensorValue = analogRead(sensorPin);

delay(1000);

Serial.print("sensor = ");

Serial.println(sensorValue);
}
```

## result in different condition

