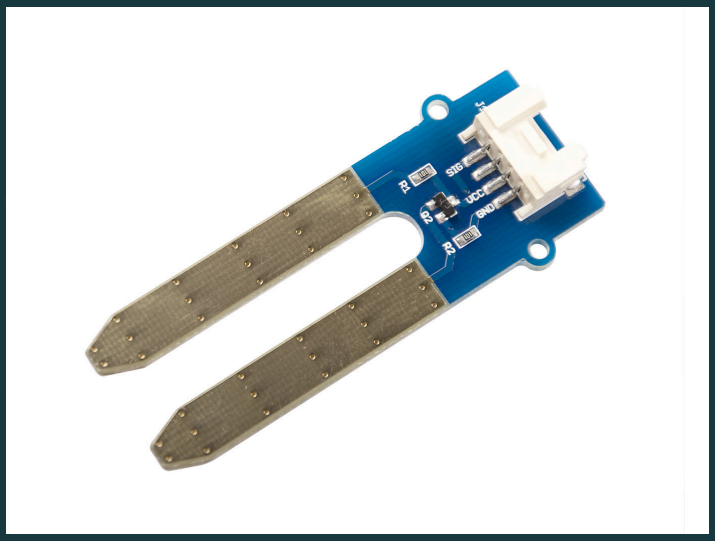
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INDUSTRIAL PRODUCT DATASHEET

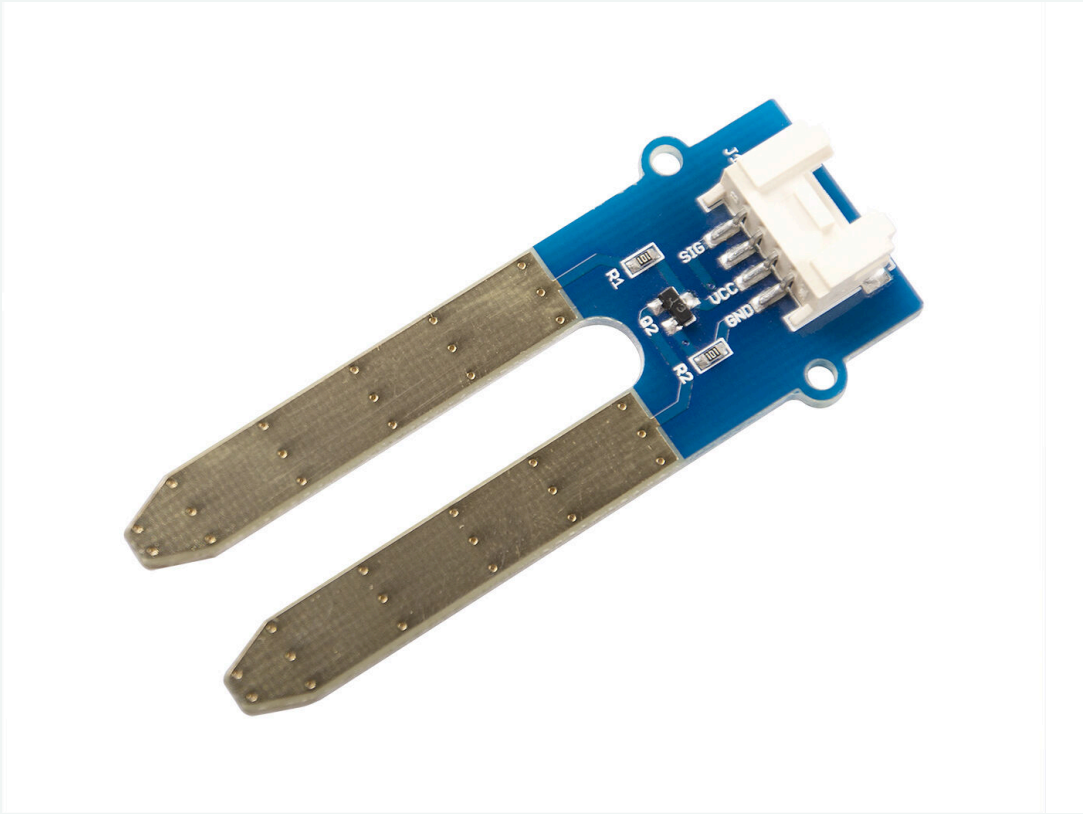
# Grove - Soil Moisture Sensor

Grove - Soil Moisture Sensor: cost-effective, plug-and-play soil resistivity measurement for prototyping in botanical gardening, moisture sensoring, and consistency measurement.

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 101020008 | 2026-11-03 03:50:22 | $3.30(Excl. VAT) |



# Overview




The Grove - Soil Moisture Sensor is a cost-effective, plug-and-play soil resistivity measurement sensor designed for students, makers, and IoT developers. It offers starter-friendly tutorials and resources, and is intended for prototyping only in applications such as botanical gardening, moisture sensoring, and consistency measurement.

# Key Features

01 **Cost-effective**

Great for students, makers and IoT developers as DIY and prototype design.

02 **Plug-and-play**

Grove compatible interface(data transmit) and two large pads function as probes(data collecting).

03 **Starter-friendly**

Detail start-up tutorials, abundant resources, and projects provided in Wiki and Community.

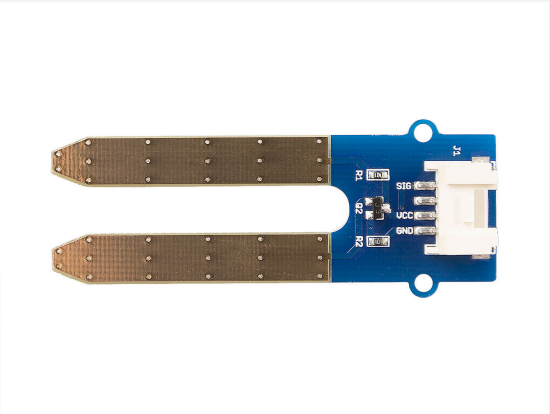
04 **Effective measurement**

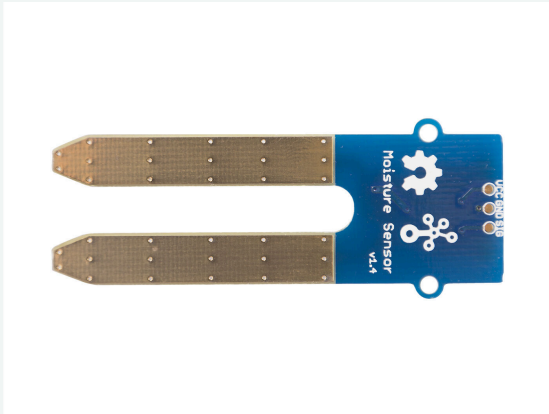
Based on soil resistivity measurement, high moisture resulting lower resistance and vice versa.

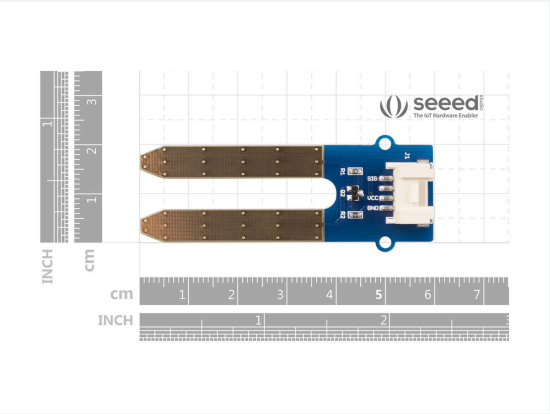
05 **NOTE**

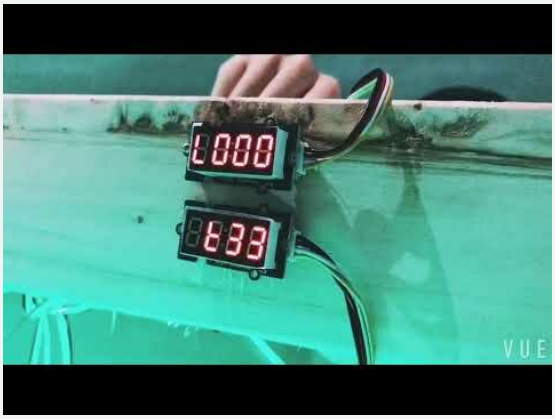
This sensor is not hardened against contamination or exposure of the control circuitry to water and may be prone to electrolytic corrosion across the probes, please use it for PROTOTYPING ONLY. We also offer Grove - Capacitive Moisture Sensorwith corrosion resistance.

# Product Gallery




# Applications

- **Botanical Gardening**
- **Moisture Sensoring**
- **Consistency Measurement**

# Resource Links

- https://www.seeedstudio.com/Grove-Moisture-Sensor.html
- Grove - Moisture Sensor v1.4 Schematic
- CDC File

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