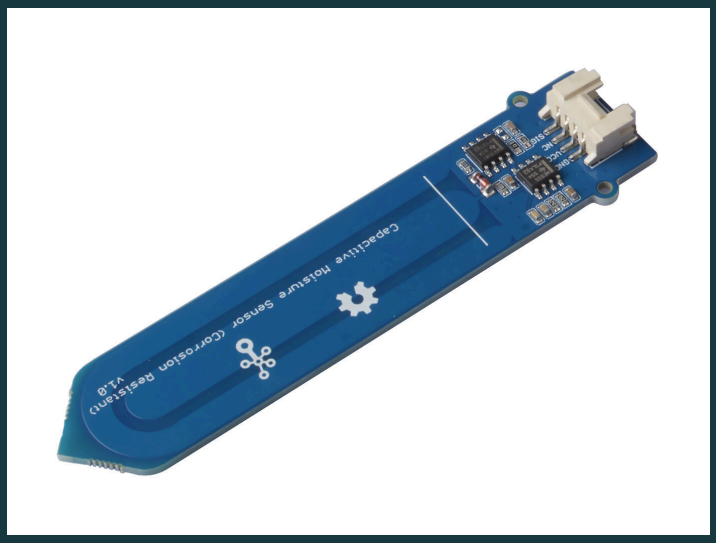
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INDUSTRIAL PRODUCT DATASHEET

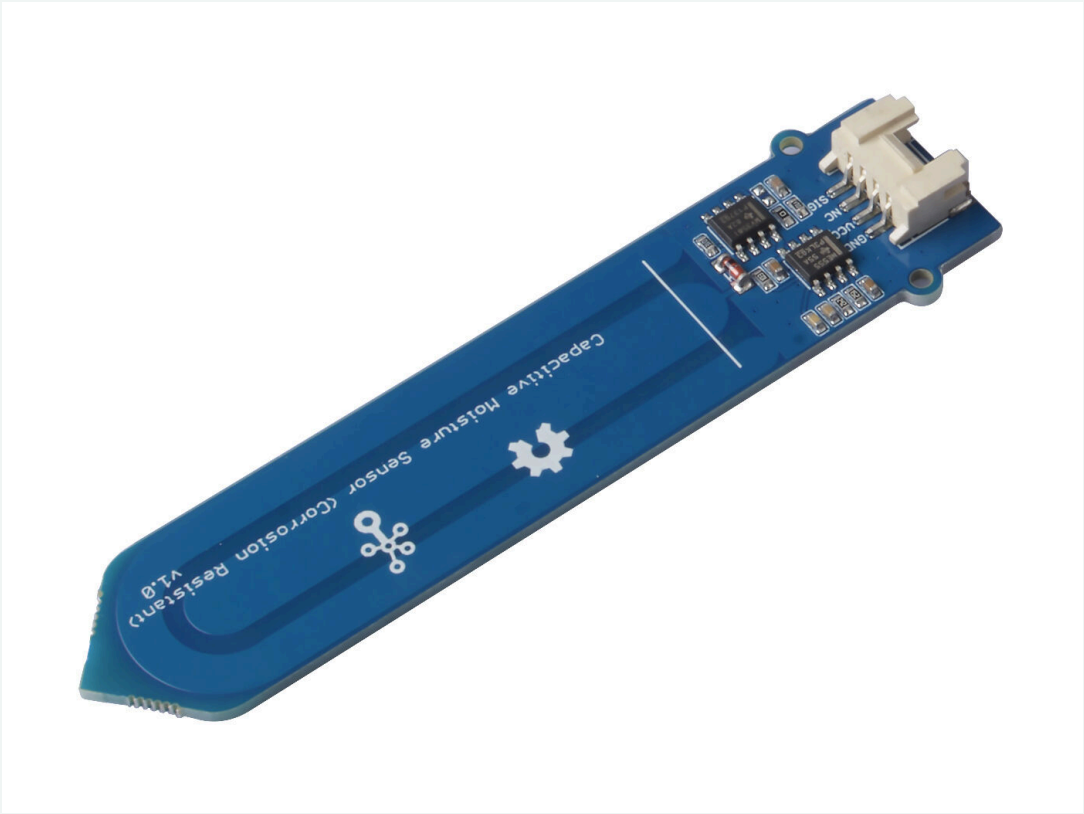
Grove - Capacitive Soil Moisture Sensor (Corrosion Resistant)

The Grove - Capacitive Moisture Sensor (Corrosion Resistant) is a soil moisture sensor based on capacitance changes.

SKU	UPDATED	PRICE
101020614	2026-11-11 08:16:37	$6.50(Excl. VAT)



Overview



The Grove - Capacitive Moisture Sensor (Corrosion Resistant) is a soil moisture sensor based on capacitance changes. Compared with resistive sensors, capacitive sensors do not require direct exposure to the metal electrodes, which can significantly reduce the erosion of the electrodes.

Key Features

01 **Corrosion-resistant design**

Capacitive touch measurement system avoids probe oxidization.

02 **Powerful ICs embedded**

NE555DR manufactured by TI working with built-in amplifier, good for capacitive measurement.

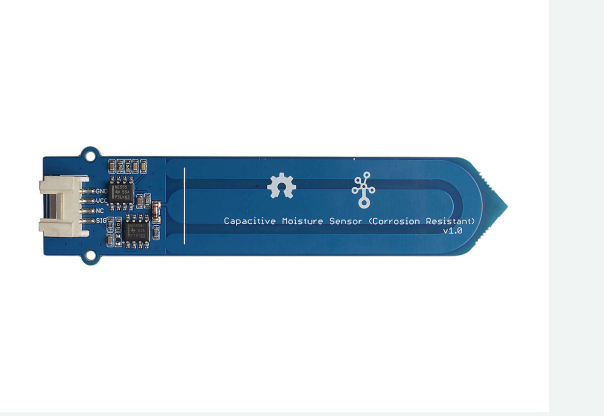
03 **Plug-and-play**

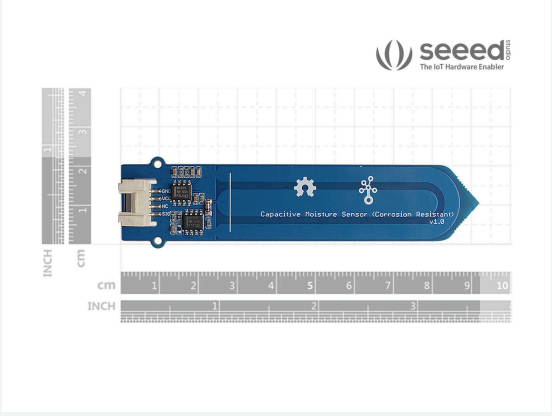
Grove compatible interface(data transmit) and a long-straight pad function as a probe(data collecting).

04 **Starter-friendly**

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

Product Gallery





Applications

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

Resource Links

- https://www.seeedstudio.com/Grove-Capacitive-Moisture-Sensor-Corrosion-Resistant-p-2580.html
- Grove - Capacitive Moisture Sensor (Corrosion Resistant) Eagle Files
- NE555DR Datasheet

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