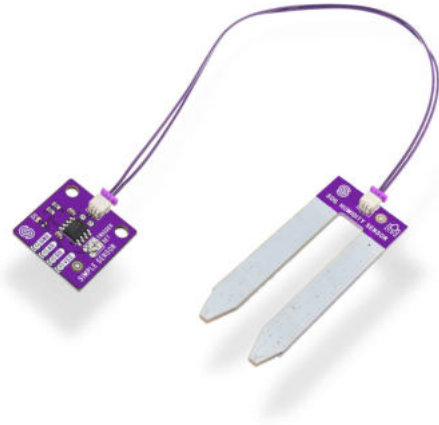


SIMPLE SOIL HUMIDITY SENSOR



Weight 8 g

DESCRIPTION

How many times have you watered your plants and feared you're overdoing it? With the simple soil humidity sensor, those worries are a thing of the past! This two-part sensor is straightforward to use. The two exposed prongs go into the soil and send the humidity information to the sensor via the connected wire. The more water is in the ground, the better the results will be.

The two pieces are connected with the provided JST-SH 2-pin cable. The sensor uses the LM393 differential comparator. The main benefit of this board is ability to give analog and digital output. By setting the potentiometer on the board, you are able to get digital signal at the DO pin when signal crosses certain value, while analog values will be present on the AO pin at all times.

FEATURES

- Logic voltage level: as same as VCC
- Operating voltage: 3V3 - 5V
- Connectors: JST-SH 2-pin (female)
- Comparator onboard: LM393
- Mounting holes: 2 (on simple sensor)
- Dimensions: 54 x 22 mm, 22 x 22 mm / 2.1 x 0.9 inch, 0.9 x 0.9 inch

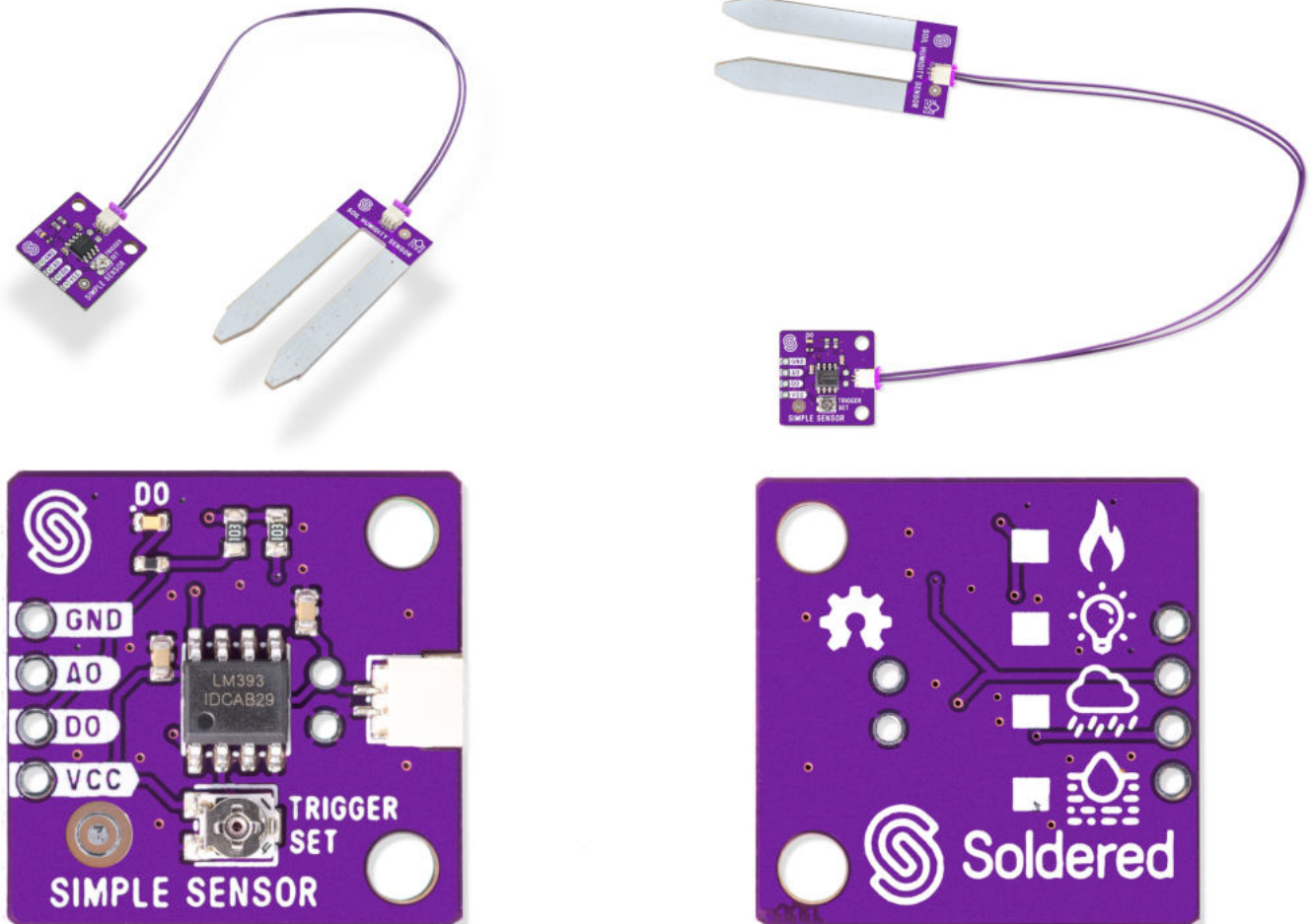
USEFUL LINKS

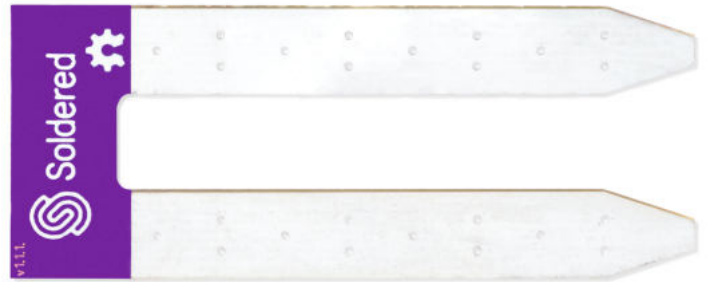
- [Arduino library](#)
- [Datasheet](#)

TIPS

To get the results from the sensor, you'll need to connect the GND and VCC pins to a Dasduino or Arduino-like device. We recommend [Dasduino ConnectPlus](#) so you can send the data over Bluetooth to, let's say, your smartphone. If there are errors when using the sensor, check if both pieces are connected correctly. A loose connection between them will almost always cause problems. If the cable won't go any further into the connectors, it means the problem is elsewhere. Look at your connection between the sensor and Dasduino. If everything seems fine, go through your code again. There might be some bugs that are interfering with the project. If after you've checked everything, all of it seems fine and it's still not working, the prongs might have worn out. If that's the case, sadly, you'll have to replace that piece.

OTHER IMAGES





Weight

8 g