AZ-Delivery

Welcome!

Thank you for purchasing our *AZ-Delivery Plant Watering Alarm*. On the following pages, you will be introduced to how to use and set up this handy device.
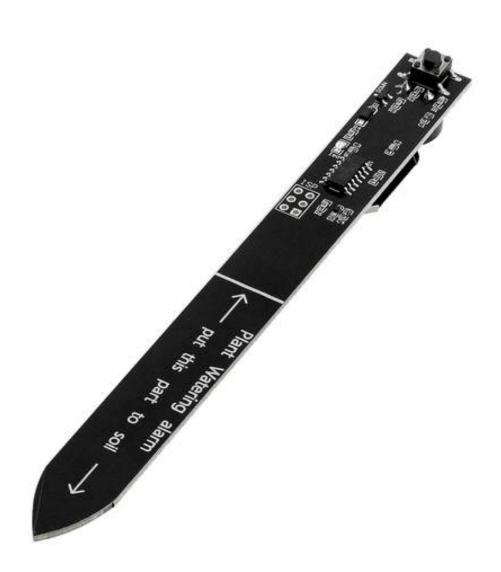
Have fun!

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Introduction

Plant watering alarm is a capacitive soil moisture sensor that emits tiny chirps when the soil is dry. It uses capacitive humidity sensing which means it does not make electrical contact with the soil. This way, electrode corrosion and soil electrolysis is avoided, resulting in better accuracy and longer battery life.

When it is dark, the chirp is silent as it can detect the amount of ambient light.

The module runs on a 3V CR2032 lithium coin cell battery. Most energy is used when the sound is emitted and when the light is measured, which happens when the soil is too dry.

When the battery is in, the alarm emits a short chirp and the LED flashes. After the measurement is complete, there is another short chirp. This means the device is working properly. The moisture level is instantly measured and saved as the 'drypoint' - the alarm level of moisture. There is a button on the top of the device that resets the drypoint. When it is pressed, the device emits a short chirp and flashes the LED.

How to start using the plant watering alarm?

When the plant needs water, insert the device into the soil so it can be told how much moisture is too little. After the device is in the soil, push the button and do not touch anything for 5 seconds. Then water the plant. When the content of water in the soil is low again, the alarm chirps. Or, when it is dark, the LED is flashing, but no sound is released.

Specifications

» Operating voltage: 3V

» Dimensions: 141 x 16 x 2 mm,

        [5.6 x 6 x 0.1 in]

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Now it is the time to learn and make your own projects. You can do that with the help of many example scripts and other tutorials, which can be found on the Internet.

If you are looking for the high quality microelectronics and accessories, AZ-Delivery Vertriebs GmbH is the right company to get them from. You will be provided with numerous application examples, full installation guides, eBooks, libraries and assistance from our technical experts.

https://az-delivery.de

Have Fun!

Impressum

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