

Soil Moisture Sensor Module

datasheet

Soil Moisture Hygrometer Detection Sensor Module



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Description

NO.	NO.	Value
1	Name	Soil humidity sensor
2	Size	30 x 15 x 6 mm
3	Wire length(probe)	ca. 117mm
4	Voltage	DC 3.3 – 5 V
5	Current	<20 mA; <30mA (output)
6	Interface	+ - DO AO; DO digital value; AO analog value
7	Operating Temperature	-25 ~85 Celsius

Application

It is used for detecting soil humidity.

Principle

The soil humidity probe is for detecting humidity, and the voltage comparator is for judging the humidity amount. When the humidity is larger than the set value, DO will output to the low level.