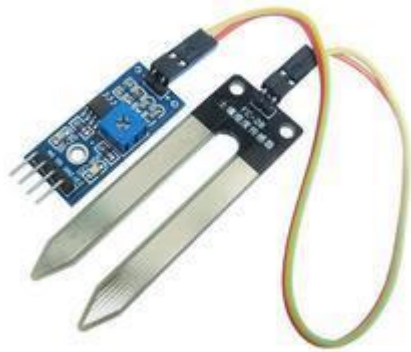


Soil Moisture Sensor Module

MDU31/SOIL

MDU31 Module uses soil moisture sensor, for determining the moisture content in soil air. Converts relative soil moisture to output Analog voltage and onboard comparator help to give digital output too.



Features:

- Excellent linearity
- low power consumption
- Operating Voltage: 3.3V ~ 5V
- Sensing Probe Dimensions: 60x30mm
- Panel PCB Dimensions: 30 x 60mm
- On-board LM393 comparator
- On-board power indicator LED
- On-board digital switching indicator LED

Dimension: 35mm * 25mm

Specifications :

- 1、 Input voltage range : DC 5.0±0.2V
- 2、 Output voltage range : DC 1-3.19V
- 3、 Operating Current (Maximum) : 2mA
- 4、 Storage : -20°C to 70°C
- 5、 Operating : 0°C to 50°C
- 6、 Linearity : Linearity
- 7、 Time Response(63% step change) : 1 min