

SOIL MOISTURE SENSOR

SMH-01

OVERVIEW

Simple and reliable sensor **SMH-01** defines the amount of plant available water by measuring the capillary pressure at the location of the sensor.

APPLICATION

- Irrigation controllers
- Smart Home systems
- Internet of Things applications

SENSOR SPECIFICATIONS

Operating voltage V_c :	3.3 V
Output voltage V_o :	0 ÷ 1 V
Current consumption:	< 2 mA
Temperature range:	-20 ÷ 60 °C
Dimensions:	60x24x14 mm
Cable length:	90 mm



TYPICAL APPLICATION CIRCUIT

