

Soil Sensor

Temperature & VWC soil sensor for irrigation systems

TH-SS-0001



Overview

The VWC and soil temperature data collected by this capacitive sensor allows for better irrigation decisions and optimized water use.



General specifications

Working temperature -25 ~ 70 °C
Supply voltage 3.3 Vdc
Interface I²C

Mechanical specifications

Sensor dimensions 114 x 24 x 11 mm
Cable length 1.4 m
Weight 100 g
Material Silica
IP rating IP68

VWC measurement

Range 0% ~ 100%
Resolution 0.1%
Accuracy 8%

Soil temperature measurement

Range -20 ~ 70 °C
Resolution 0.1 °C
Accuracy 3% FS

