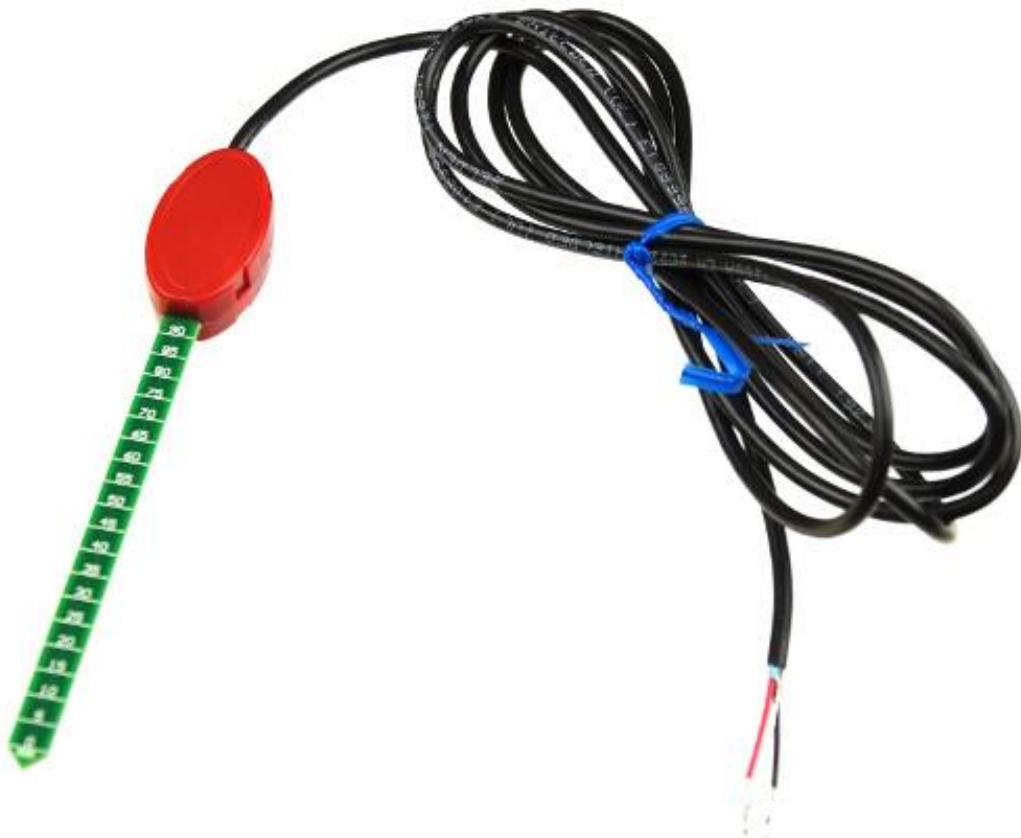


SOIL MOISTURE SENSOR VH400 VEGETRONIX



Accurate water content measurement.
Don't care about the salt, any type of soil
Fast response time
Robust and reliable

DESCRIPTION

The VH400 series soil moisture sensors provide precise monitoring of the soil water content. The sensor blade was designed to be as thin as possible. It can be inserted into the soil and pots with minimal perturbation to the vital root systems of your plants.

SPECIFICATIONS

ACCURACY	SOIL WATER CONTENT VWC 2% à 25°C Working temperature: from -40°C to 85°C
RESOLUTION	from 0 to 50 % VWC (from 0 to 2,2V)
OUTPUT SIGNAL	Water content output voltage : 0 – 3V Temps de démarrage : 400ms
POWER SUPPLY	3,5V – 20 V DC, consumption < 13mA
CABLE LENGTH	2 M (extensible up to 10 M)
DIMENSIONS	See page 3
WIRING	Red : + VBAT (Powersupply) Black : Output from 0 to 3V. Gray or nude cable : GND (Ground)

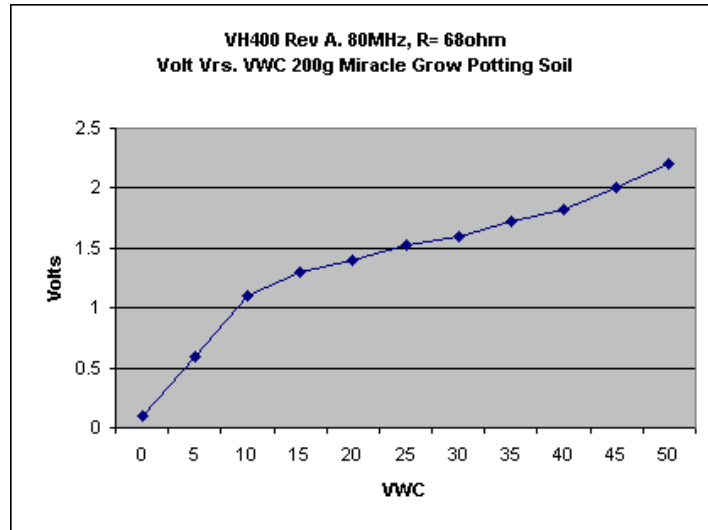
CHARACTERISTICS

- Measures the volumetric water (VWC) or gravimetric water (GWC) content.
- The output voltage is proportional to the humidity level.
- Consumes less than 13mA for operation with very low consumption.
- Not based on conductivity.
- The probe does not corrode over the time.
- Robust design for long term use.
- Fast response time.
- Small size.
- Wide supply voltage range.
- Can be buried.
- Waterproof.
- The probe is long and thin for wider use, including smaller potted plants.

ADVICE

Bury the sensor at the root level. As the sensor takes an average on the slide, for an accurate reading at a given depth, bury it horizontally so that water cannot collect on the slide

RESPONSE CURVE VWC / VOLTAGE



DIMENSIONS

