

VSM-002 Soil Moisture Sensor

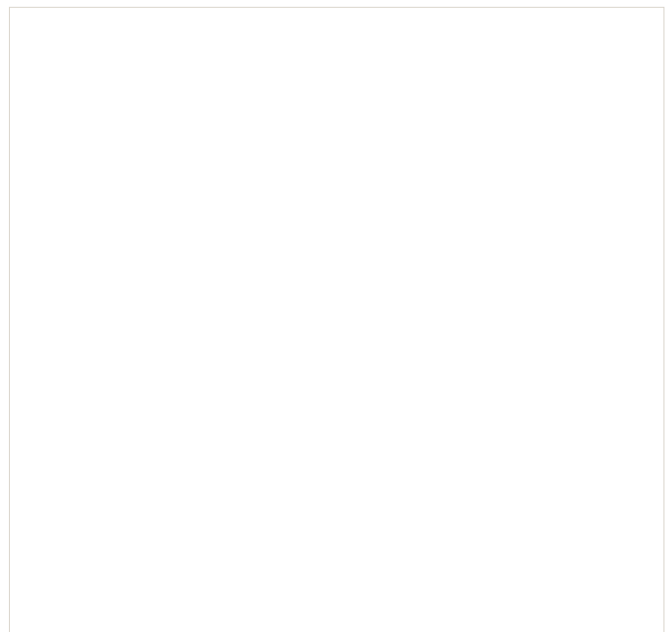
Data Sheet

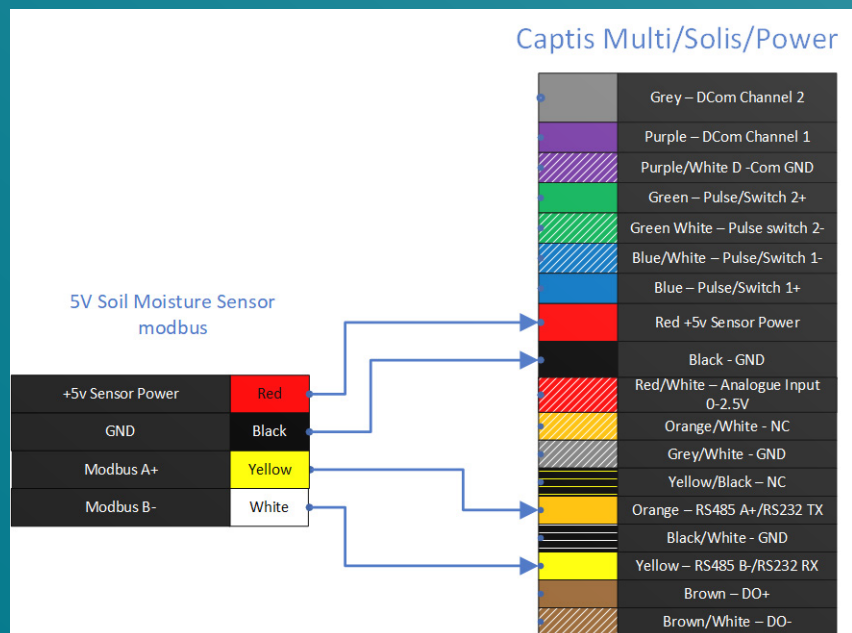
VSM-002 Soil moisture sensor is a high precision and sensitive sensor for measuring soil moisture. By measuring the dielectric constant of soil, the true moisture content of various soils can be directly and stably reflected. Applicable to soil moisture monitoring, scientific experiment, water-saving irrigation, greenhouses, flowers, grass pastures, measuring the soil, plant cultivation, sewage treatment, food storage, greenhouse control, precision agriculture etc., as well as water content measurement in water conservation, meteorology. Individually tested, high-quality reed switches protected against extreme weather conditions and coated to withstand extreme frost or heat.

- High precision measurement, rapid response, good exchangeability
- Robust, corrosion resistant, can be used in the soil for a long time
- Flame retardant epoxy resin curing, completely waterproof, can withstand strong external impact
- Steel needles are made of high quality materials that can withstand long-term electrolysis and acid and alkali corrosion in soil
- Power polarity protected

Specifications

Range Soil Moisture	0-100%
Temperature	0-60 DegC
Supply voltage	5-30VDC
Signal output	Modbus RTU
Power Consumption	10mA
Response Time	1 Second
IP Rating	IP68





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