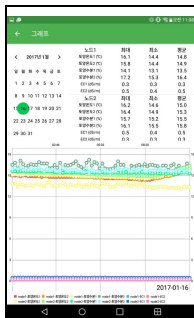


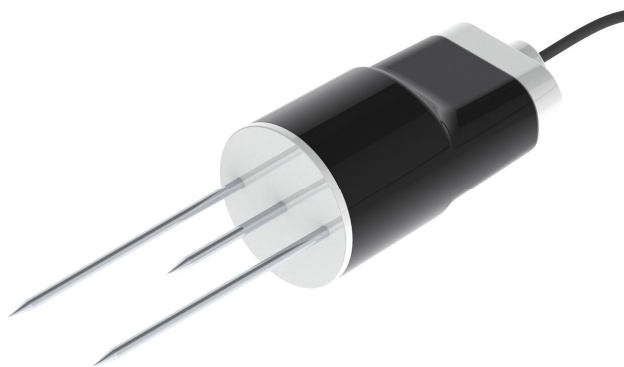
- 간편한 설치
- 토양 수분, 전기전도도, 토양 온도 동시 측정
- IP67에 준하는 방수 구조
- 자동온도보정 (보정계수 $\beta=2\%/^{\circ}\text{C}$)
- 사용 용도
Fertigation Management
Greenhouse Management
- 특기사항
통신을 위한 Protocol은
별도 자료를 참조하여 주십시오.
- 외관 및 규격은 성능개선을 위하여
예고 없이 변경될 수 있습니다.
- 프로그램
안드로이드 마켓을 통한 어플 제공
(전용 설치형 컨트롤러 사용시)



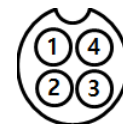
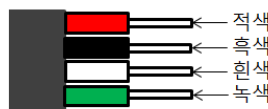
Technical data

■ Measurement	Measurement range	VWC 0.0 ~ 50.0%VWC EC 0 ~ 10dS/m Temperature -40 ~ 60°C
	Accuracy (@25°C)	VWC $\pm 3\%VWC$ (0 ~ 50%VWC) EC $\pm 0.1dS/m$ (@ 0 ~ 1dS/m) $\pm 10\%$ (@ 1 ~ 10dS/m) Temperature $\pm 1^{\circ}\text{C}$
	Temp. compensation	EC Automatic $\beta=2\%/^{\circ}\text{C}$
	Resolution	VWC 0.1%VWC EC 0.01dS/m Temperature 0.1°C
	Measurement time interval	Min 1sec
■ General Conditions	Warm up time	< 10 s
	Storage temperature	-20 ~ 80°C
	Operating Environment	-40 ~ 60°C, Max 95%RH
■ Measurement Type	Soil Moisture	Frequency Domain Reflectometry
	EC	Impedance
	Temperature	MEMS
■ Electrical	Power supply	5VDC
	Power consumption	70mA @5V
	Communication	RS-485
■ Dimensions	Out Dimension	120mm x Ø60mm (전극 길이 110mm)
	Weight	360g (with Standard Cable)
	Cable Length	Standard 5meter (Extendable)
■ Warranty	Two year	

Product Appearance



Connect Information



	Wire Type
적색	5VDC
흑색	GND
흰색	485+
녹색	485-

	M12 Connector Type
1	5VDC
2	485+
3	485-
4	GND