



within trees

AquaFlex Moisture Sensor

Specifications

Accuracy:	Soil volumetric water content (VWC)	± 3% (VWC) within measurement range of 0 to 50% VWC (approx) ± 5% (VWC) within measurement range of 50 to 100% VWC (approx) ± 2% (VWC) with custom calibration
	Temperature	Typical ± 0.4°C / 0.72°F
Resolution:	0.1% volumetric water content 0.1°C / 0.18°F	
Interface options:	RS485 with TBUS Protocol RS485 with Modbus Protocol RS485 with ASCII Protocol	
Power:	4-24 V DC, up to 40 mA during measurement (approx. 50 ms)	
Cable lengths:	Connecting cable: 10 m / 32.8 ft TrueFlex, 4 wire, very flexible Measurement cable: 3 m / 9.8 ft, PE cable jacket, very robust	
Dimensions:	Housing (without fastening lug): ca. 50 mm x 50 mm x 20 mm / 2.0 in x 2.0 in x 0.8 in Housing (with fastening lug): ca. 67 mm x 50 mm x 20 mm / 2.6 in x 2.0 in x 0.8 in	
Data logger compatibility:	Datalogger TrueLog100 Any datalogger with RS-485 and T-Bus, Modbus or ASCII Protocol Free PC logger software available on request	
Part Numbers:	AquaFlex Moisture Sensor	AQUAFLEX