



- » Moisture sensor
- » Large measurement volume
- » Digital RS-485 TBUS interface

## » AquaFlex

Moisture sensor

deutsch



[www.truebner.de](http://www.truebner.de)

# AquaFlex moisture sensor

## SPECIFICATION

**Accuracy moisture measurement:** +/- 3% VWC within measurement range 0...50%  
approx. +/- 5% within measurement range 50...100%  
approx. +/- 2% with custom calibration

**Accuracy temperature measurement:** typical +/- 0.4 degree Celsius

**Resolution:** Moisture measurement: 0,1% VWC  
Temperature measurement: 0,1 degree Celsius

**Available interfaces:** RS485 with T-BUS protocol  
RS485 with Modbus protocol  
RS485 with ASCII protocol

**Power Supply:** 4-24 V DC, max. 40 mA during measurement (approx. 50 ms)

**Cables:** Connecting cable: 10 m TrueFlex, 4 wire, very flexible  
Measurement cable: 3 m special cable, PE cable jacket, very robust

**Dimensions:** Housing (without fastening lug): ca. 50 x 50 x 20 mm  
Housing (with fastening lug): ca. 67 x 50 x 20 mm

**Logger Compatibility:** Datalogger TrueLog100 from TRUEBNER or any other datalogger with RS-485 interface and T-Bus, Modbus or ASCII protocol

Free logger software for Windows computer available on request