TruSense
Input Module
EC-5-TS

The TruSense Input modules are an I2C based module with memory and the interface to the sensors. When an Input module is connected to a TruSense logger the logger reads the Input Module's memory and this gives the logger all the information on the sensors that may be attached to the module.

The EC-5-TS module is based on a Decagon's EC-5 Volumetric Water Content sensor. The EC-5 determines volumetric water content (VWC) by measuring the dielectric constant of the media using capacitance/frequency domain technology

Specifications

Size
Dimensions	95x20x8mm without cable
Weight	?

Enviroment
Protection	Ip68 outdoor use.
Operating Temp.	-10°C to 70°C
Storage temp.	-20°C to 75°C

Volumetric Water Content sensor
Device	EC-5 by METER Environment
Resolution	0.1% VWC (mineral soil)
Accuracy tolerance	±3% VWC, most mineral soils
Operating Range	-10°C to 50°C

This unit is calibrated for use in mineral soils.