Soil Moisture Probe Trime-Pico 32

The network-compatible instrument serves for the measurement of volumetric water content in the ground and the soil temperature. The data communication is carried out via an RS485
interface.
It is used with

- Hydrology,
- Forestry,
- Agriculture,
- Environmental- and Geological science

The electrical connection is carried out via a permanently connected cable.

Specification

Part number: 1.0231.00.xxx

Moisture	
Measuring range	0 ... 100 % volumetric water content
Accuracy	± 2% (@ 5 ... 40 %) ± 3% (@ 40 ... 70 %)
Temperature	
Measuring range	-15 ... +50 °C
Accuracy	±1.5 K
Operating voltage	
Electronic	7 ... 24V DC
Current consumption	100 mA @ 12 V DC during 2 ... 3 sec of measurement
General	
Electr. connection	5 m cable
Protection	IP 68
Dimension	Probe: Ø 32 x 155 mm Rod: Ø 3.5 x 110 mm
Weight	0.12 kg

Versions

As per 1.0231.00.xxx, but:

Product number 1.0231.00.000

Data output digital

Output type	RS 485

Product number 1.0231.00.060

Data output analog

Type	0 ... 1 V

Accessories

No accessories are available for this product.