

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 $\pm 2\%$ (@ 5 ... 40 %)
 $\pm 3\%$ (@ 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: \varnothing 32 x 155 mm
Rod: \varnothing 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.

