

Hygro-Transmitter

Specification

Part number: 1.1000.50.xxx

Rel. Humidity

Measuring range	10 ... 100 % rel. h.
Graduation	1 % rel. h.
Accuracy	± 2% rel. h. (@ 20 ... 100 % rel. h. and room temperature)
Meas. element	human hairs

General

Ambient temp.	-35 ... +70 °C
Scale length	94 mm (90 °)
Length	350 mm
Stem	22 mm
Stem length	250 mm
Protection	IP 65, case
Weight	0.9 kg

Versions

As per 1.1000.50.xxx, but:

Product number 1.1000.50.015

Rel. Humidity

Electr. output	0 ... 200 ê
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General

Electr. connection	Lemos connector
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Product number 1.1000.50.515

Rel. Humidity

Electr. output	0 ... 200 ê
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General

Electr. connection	3 m cable
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Accessories

Product	Product name	Brief description
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Wind Protection
1.0509.85.006

Gauze- and wind protection protects the humidity measuring element from coarse dust (> 0.32 mm) and error measurements in case of wind velocities > 3 m/s. Suitable for hygrometers 1.1000.50.xxx.

General

Length	200 mm
Diameter	24 mm
Mesh aperture	0,32 mm
Material	Niro, Brass
Weight	0.05 kg



Weather and
Thermal
Radiation Shield
1.1025.51.000

Protective covering for the hygrometers 1.1000.50.xxx for outdoor installation. Helps to prevent atmospheric influences and radiation errors from influencing the measured results.

General

Mounting	pin Ø 22 x 27 mm
Material	Al, galvanised and varnished
Dimension	Ø 170 x 450 mm
Weight	2.2 kg

