

Application information

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Only specific humidity sensors with a special basic capacity are used for the highly accurate humidity / temperature probe.

The probe undergoes comprehensive calibration and testing procedures. It is tested before delivery in the Testo laboratory and a calibration certificate is issued.

Note

The calibration buttons are sealed with a calibration sticker.

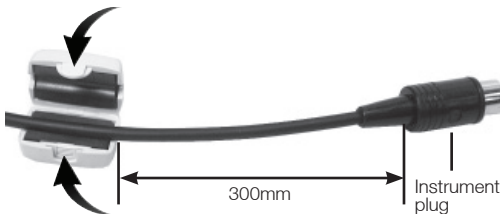
The precision probe can be tested using the monitoring and adjustment set. The salt containers are not suitable for calibrating the probes.

We recommend an annual calibration by Testo.

Heavy electromagnetic load (interfering irradiation from external sources) can lead to incorrect measurements. With the enclosed folding ferrite the probe complies with the guidelines in accordance with 2004/108/EEC.



Attach the folding-ferrite to the connection cable:



The cable can also be used for other Testo probes.

Technical data

Feature	Values
Measuring range	0 to 100%RH, -20 to +70°C
Accuracy	±1%RH at 10 to 90%RH, +15 to +30°C ±2%RH in the rem. range plus Tk
Consistency	better 0.3%RH
Long-term stability	1% guaranteed for 2 years under normal conditions
Typical lifetime	10 years
Warranty	1 year

Ordering data

Name	Item no..
Highly accurate humidity/temperature probe without connection cable (including calibration certificate)	0636.9741
Plug-in head connection cable (1,5m) for testo 445/645	0430.0143
Plug-in head connection cable (5m) for testo 445/645	0430.0145
Telescope (1m) with connection cable (2,5m) for testo 445/645	0430.0144
Standard calibration certificate for humidity	0520.0006
Special calibration certificate for humidity	0520.0106
DKD calibration certificate for humidity	0520.0206