

Humidity and Temperature Sensor



D Series DZK

Excellent midrange transmitter - highly accurate and easy to install

Modular design with tailor-made configuration



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DZK

Humidity and temperature transmitter



Excellent transmitter - high accuracy and easy to install. The transmitters can be designed for customer-specific measurement tasks and optimally configured via USB.

The probe and transmitter can be used in any combination. This makes them suitable for many installation situations and applications.

Your advantages

- Operating temp. up to 125 °C
- Accuracy H: ± 2 % RH
- Accuracy T: $\leq \pm 0.35$ K
- On-site calibration
- Easy to install

Additionally options

- IP 65
- Display
- Plug-in connection
- Interchangeable sensor part
- 4 probe lengths
- Cable up to 25 m
- Output variables can be freely configured via USB port
- hx converter:
 - Dew point temperature
 - Wet bulb temperature
 - Absolute humidity
 - Mixing ratio
 - Enthalpy

Technical data (extract)

Relative humidity measurement

Measuring/sensor element	Capacitive
Output range	0...100 % RH
Accuracy 25 °C	± 2 % RH at 10...90 % RH

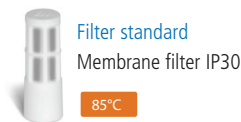
Temperature measurement

Output ranges	0 ... +50 °C
	0 ... +100 °C
	-30 ... +70 °C
High temperature	-40 ... +125 °C

Accuracy at 5...60 °C	$\leq \pm 0.35$ K
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Electrical specifications

Signal output	Supply voltage
0...10 V	15 ... 30 V DC / 13 ... 26 V AC
4...20 mA	10 ... 30 V DC



More information on the DZK datasheet online PDF

MADE IN GERMANY

