

# D Series Humidity and temperature sensors



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## D Series

# Humidity and temperature sensors



Indoor DI



Industrial versions

Wallmount DW

Ductmount DK

### Technical data (extract)

Humidity measurement	
sensing element	capazitiv
output range	0...100 %r.h.
Accuracy at 23°C	
DW, DK 10...90 % r.h.	±2 %r.h.
DI 40...60 % r.h.	±2,5 %r.h.
Temperature measurement	
sensing element	0... +50 °C -30... +70 °C 0...+100 °C
Accuracy at 23°C	
DW, DK with voltage output	± 0,2 K
DW, DK with current output	± 0,3 K
DI with voltage output	± 0,25 K
DI with current output	± 0,4 K

### Your advantages

- Highly accurate
- Easy to install
- Output: 0...1 V, 0...10V, 4..20 mA
- On-site calibration

### Additionally with industrial versions

- Operatingtemperature up to 80 °C
- IP65 (with PTFE-Filter)
- Free configuration of output values via USB port
- hx converter for derived humidity variables
  - Relative humidity
  - Temperature
  - Dew point temperature
  - Wet bulb temperature
  - Absolute humidity
  - Mixing ratio
  - Enthalpy

Types	DI	DW	DK
Humidity	DIF	DWF	DKF
Humidity and temperature	DIK	DWK	DKK
with PTFE-Filter			
Operatingtemperature			
hx-converter			
USB			
More information on the productsheet PDF			

MADE IN GERMANY

