

Dew point sensor NP330-G

Measuring trace humidity.

Dew point sensor for measuring trace humidity in gases

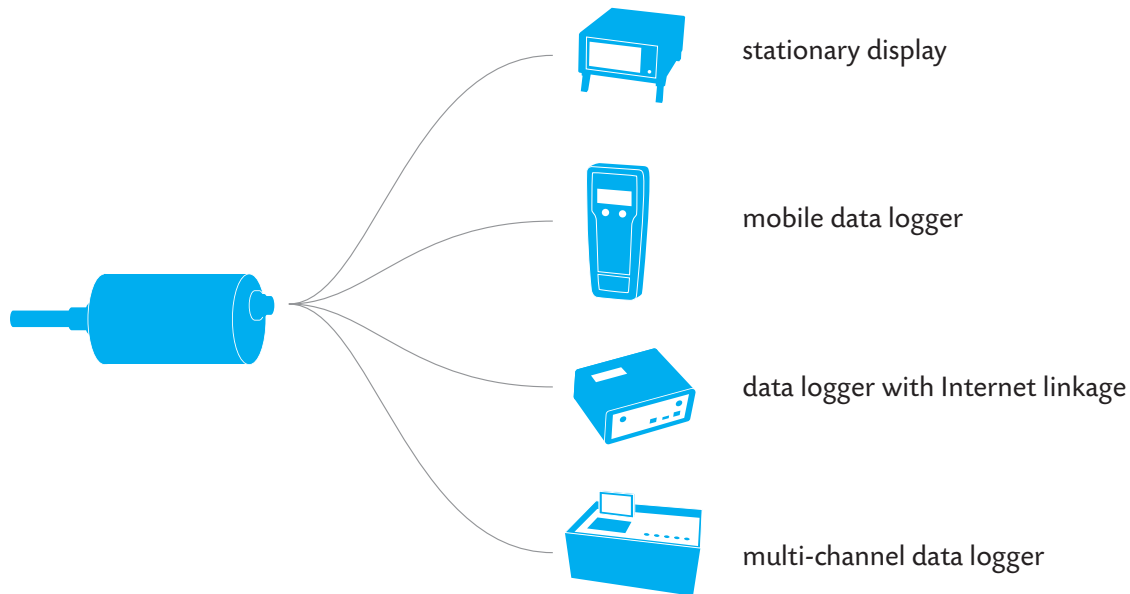
- The humidity sensor NP330-G serves for inline measurement of absolute water content (dew point) in air and gases (aggressive)
- programmable switching output as alarm signal
- calibrated against dew point mirror
- robust housing with protection type IP65
- can be delivered as OEM product
- explosion protection design on request

Features

- measurement range -80°C dp to $+20^{\circ}\text{C dp}$
- accuracy $\pm 2^{\circ}\text{C dp}$
- temperature compensation
- fast response time
- high medium compatibility
- system pressure up to 300 bar (4350 psi)



connection possibilities



Accessories

- stationary display
- mobile data logger
- data logger with Internet linkage
- multi-channel data logger

Technical data

- **current output**
4 – 20 mA
- **serial interface**
RS232
- **switching output**
24 V DC / max. 70 mA
- **measurement range**
–80°C dp to +20°C dp
- **operating temperature**
–20°C to +60°C
- **system pressure**
up to 30 MPa (300 bar, 4350 psi)
- **supply**
18 V – 28 V DC / max. 70 mA
- **protection type**
IP65
- **standard mounting & immersion depth**
50 mm with 5/8-18 UNF*
- **protection sleeve for sensor**
sintered protection filter,
stainless steel 80 µm

*other depths on request