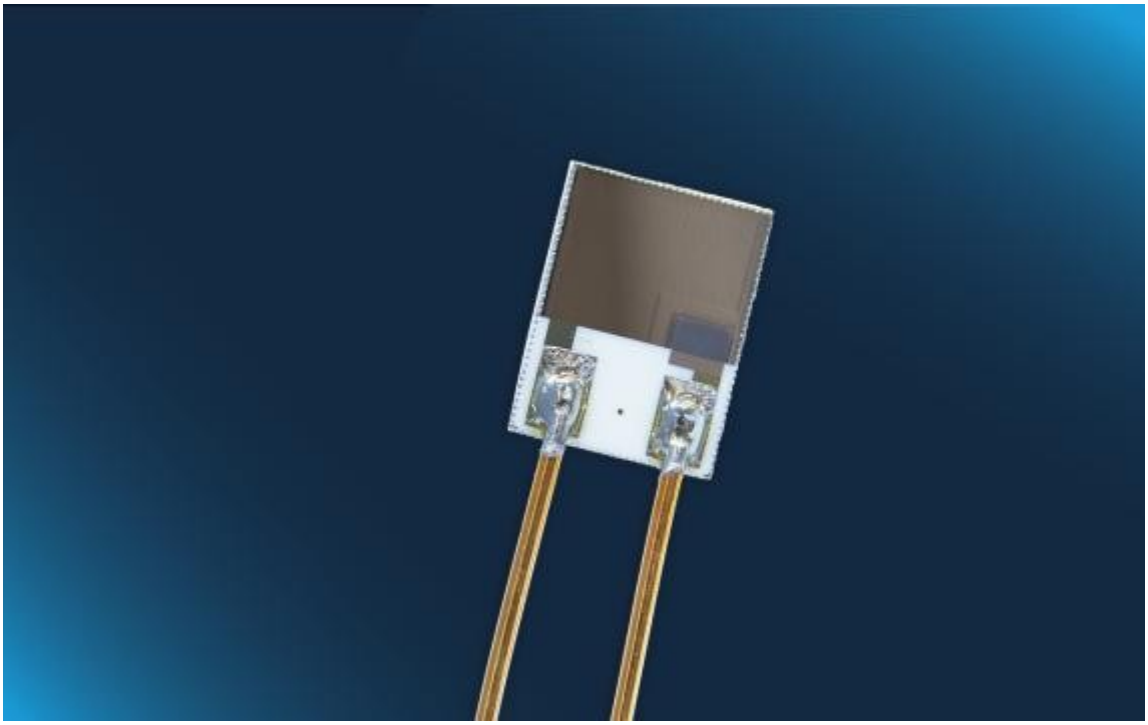
Capacitive Humidity Sensor P14-W



Humidity allrounder, -50 °C to +150 °C, 5.0 x 3.81 mm, 10 mm wires

Capacitive humidity sensor P14 with wires Linear characteristics and wide range of potential uses - ideal solution for universal measuring tasks in a wide variety of different applications.

Product Name: P14-W (150pF ±50pF)
Capacitance: 150pF +/-50pF (at +23 °C and 30 % RH)
Operating humidity range: 0 % RH to 100 % RH
Operating temperature range: -50 °C to +150 °C
Dimensions: 5.0 x 3.81 x 0.4 mm
Response time: < 5 s
Measured medium: Air/Gas
Product Old code: 040.00174
Product code: 150466

Product details

P14-W humidity sensor for various applications

Thanks to its linear characteristics and its wide range of potential uses, the iST P14-W humidity sensor is the ideal solution for universal humidity measuring tasks in a wide variety of different applications. The sensor is capable of measuring 0 % RH to 100 % RH (maximal dew point +85 °C) with a capacitance of 150 pF ±50 pF (wired) / 180 pF ±50 pF (SMD) (at 30 % RH and +23 °C) and operates within a temperature range of -50 °C to +150 °C.

Benefits & Characteristics of this humidity sensor

- High chemical resistance
- Very low drift
- Wide temperature range
- High humidity stability
- Resistance to condensation
- Fast recovery time

Customer-specific sensor available upon request

Alternative wires

This iST humidity sensor is available with CuP-SIL-wire post-plated with Sn, Au/Cu-wire or as SMD for automatic packaging as standard.

Quality

Consistent with the well-known, high-quality standards in Switzerland, IST AG is certified according to ISO 9001:2015 (quality) and ISO 14001:2015 (environment). Appropriate processes are part of our daily work. They are regularly audited and extended parallel to the growth of our company.

> Read more

The online shop

Quantity (pieces)	Price (per piece)
10-49	CHF 18.30
50-99	CHF 15.97
100-150	CHF 14.73

Stock: **52**