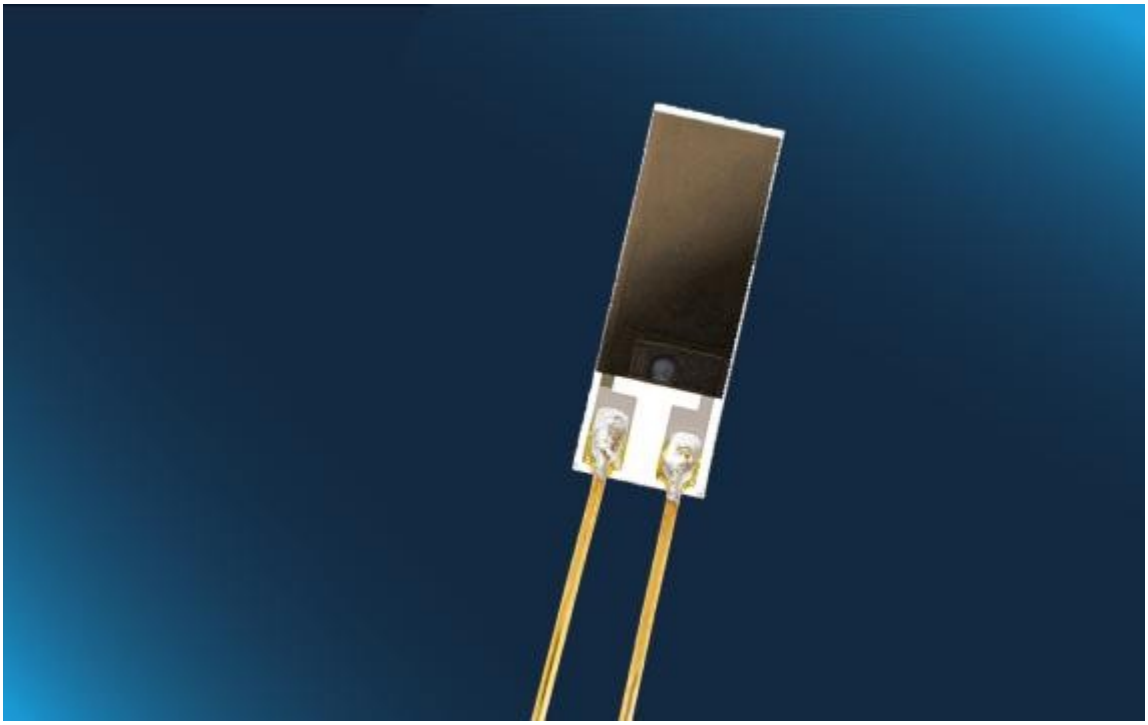
Capacitive Humidity Sensor MK33-W



Optimal for oil measurement applications, -40 °C to 190 °C, 10.8 x 3.81 mm,10 mm wires

Capacitive humidity sensor MK33 with wires Very good for high-end measuring applications and extreme environments, therefore optimal for oil measurement applications. Also available with SIL contacts.

Product Name: MK33-W (300pF +/-40pF)
Capacitance: 300pF +/-40pF (at +23 °C and 30 % RH)
Operating humidity range: 0 % RH to 100 % RH
Operating temperature range: -40 °C to +190 °C
Dimensions: 10.2 x 5.1 x 1.8 mm
Connection type: Au/Cu Wire
Wire dimensions: Ø 0.4 mm, 10 mm long
Response time: < 6 s
Measured medium: Special environment, oils
Product Old code: 040.00180
Product code: 150468

Product details

MK33-W for oil measurement applications

The iST MK33-W capacitive RH humidity sensor has been developed especially for high-end measuring applications and extreme environments making it optimal for oil applications. The MK33 excels through its extremely high humidity and temperature working range and its outstanding chemical resistance. The humidity sensor is capable of measuring 0 % RH to 100 % RH (maximal dew point +95 °C) with a capacitance of 300 pF ±40 pF (at 30 % RH and +23 °C) and operates within a temperature range of -40 °C to +190 °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

iST's MK33.W is available as a standard sensor with CuP-SIL-wire post-plated with SN, Au/Cu-wire or as SMD for automatic packaging.

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)
5-49	CHF 57.93
50-99	CHF 45.97
100-150	CHF 40.69

Stock: **50**