Capacitive Humidity Sensor MK33 mini (200pF +/-40 pF)



Optimal for oil measurement applications, -40 °C to 190 °C, 5.0 x 3.81 x 0.4 / 1.2 mm,10 mm CuP SIL contacts

The robust capacitive humidity sensor MK33 mini with SIL wires is designed for high-end measuring applications with extreme and challenging environments. It has a fast response time, and its long-term stability over time warrants consistent readings.

Product Name: MK33 mini (200pF +/-40pF)
Capacitance: 200 pF +/- 40pF (at 23°C and 30 % RH)
Operating humidity range: 0 % RH to 100 % RH
Operating temperature range: -40 °C to +190 °C
Dimensions: 5.0 x 3.81 x 0.4 mm
Connection type: CuP-SIL

Wire dimensions: 0.5 x 0.25 mm, 10 mm long
Response time: < 6 s
Measured medium: Special environment, oils
Product code: 150138

Product details

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)
5-10	CHF 57.93
11-50	CHF 45.97

Quantity (pieces)	Price (per piece)
51-100	CHF 40.69

Stock: **198**