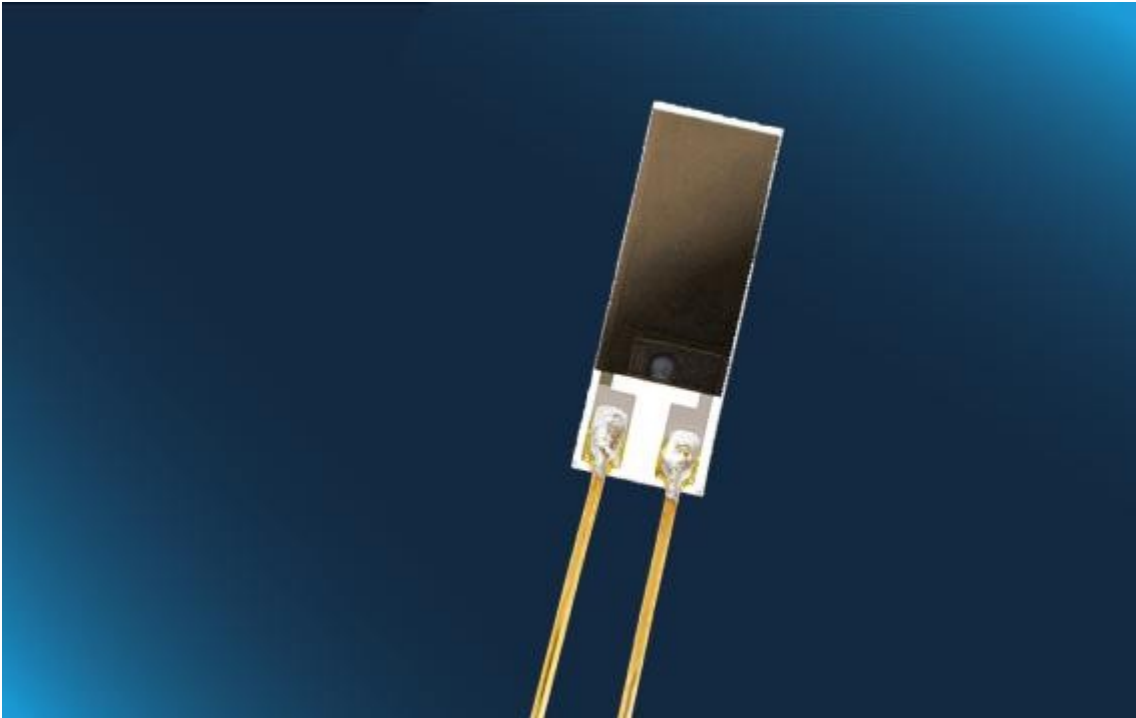




innovative
Sensor
Technology

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.

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 \pm 40 pF (at 30 % RH and +23 °C) and operates within a temperature range of -40 °C to +190 °C.

The online shop

| Quantity (pieces) | Price (per piece) |
|-------------------|-------------------|
|-------------------|-------------------|

| | |
|------|-----------|
| 5-49 | CHF 56.24 |
|------|-----------|

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| 50-99 | CHF 44.64 |
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| 100-150 | CHF 39.50 |
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Stock: **50**