

K5

Capacitive Humidity Sensor

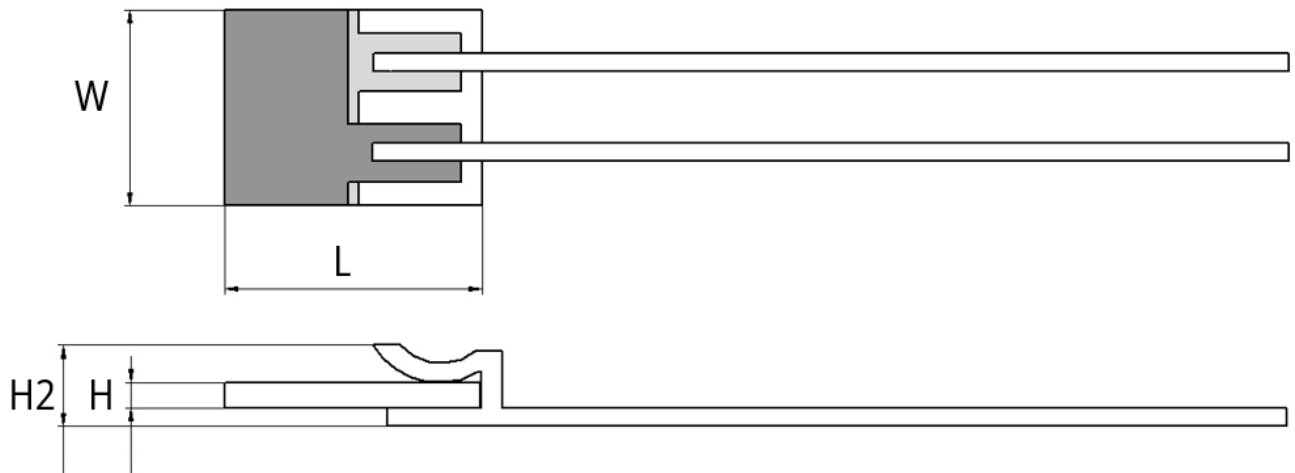
Optimal for low humidity measurement

Benefits & characteristics

- Very stable at low humidity
- High chemical resistance
- Wide temperature range
- Condensation resistant
- Very low drift
- Customer-specific sensor available upon request



Illustration



Technical data

Dimensions (L x W x H/H2 in mm):	5.0 x 3.81 x 0.4 / 1.2
Operating humidity range	0 % RH to 100 % RH
Operating temperature range:	-40 °C to +150 °C
Capacitance (C ₃₀):*	200 pF ±50 pF (at 30 % RH and +23 °C)
Typical sensitivity (at C ₃₀ = 200 pF):	0.4 pF/% RH (15 % RH to 90 % RH)
Operating humidity range:	0 % RH to 100 % RH (maximal dew point +85 °C)

