

humidity link TECHNICAL SPECIFICATION

Sensor	Humidity and Temperature
Humidity measure range	0÷100 %RH
Humidity Tolerance	Typ. ± 1.5 %RH
Humidity repeatability ¹	Low 0.25 %RH Medium 0.15 %RH High 0.10 %RH
Humidity resolution	0.01 %RH
Humidity hysteresis	± 0.8 %RH at 25 °C
Humidity long term drift	<0.25 %RH/year
Operating temperature	-40 °C ÷ +125 °C
Temperature Accuracy	Typ. ± 0.2 °C
Temperature repeatability ¹	Low 0.24 °C Medium 0.12 °C High 0.06 °C
Temperature Resolution	0.015 °C
Temperature long term drift	<0.03 °C/yr
Supply Voltage	Min 2.4V, Typ. 3.3V, Max 5.5V
Dimensions: Length Width Height	2.5 mm 2.5 mm 0.9 mm

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MUMS instrument is covered by a patent

¹The stated repeatability is three times the standard deviation (3 σ) of multiple consecutive measurements at the stated repeatability and at constant ambient conditions. It is a measure for the noise on the physical sensor output. Different measurement modes allow for high/medium/low repeatability