

Get an Overview of Sensirion's Humidity Sensors

Do you have any questions or want to discuss a future project? Please contact us.

Product	Typ. RH Accuracy (%RH)	Typ. T Accuracy (°C)	VDD Range (V)	Interface	Package Size (mm ³)	Protective Options	Automotive Version available	Datasheets
SHT30	±2 @10-90% RH	±0.2 @0-65°C	2.15 to 5.5	I ² C, analog voltage	2.5 x 2.5 x 0.9	-	yes	Digital Analog
SHT31	±2 @0-100% RH	±0.2 @0-90°C	2.15 to 5.5	I ² C, analog voltage	2.5 x 2.5 x 0.9	Protective cover Filter membrane	yes	Digital Analog
SHT35	±1.5 @0-80% RH	±0.1 @20-60°C	2.15 to 5.5	I ² C	2.5 x 2.5 x 0.9	Filter membrane	yes	Download
SHTW2	±3 @20-80% RH	±0.3 @0-60°C	1.8	I ² C	1.3 x 0.7 x 0.5	-	-	Download
SHTC3	±2 @20-80% RH	±0.2 @5-60°C	1.62 to 3.6	I ² C	2 x 2 x 0.75	-	-	Download
SHTC1	±3 @20-80% RH	±0.3 @5-60°C	1.62 to 1.98	I ² C	2 x 2 x 0.75	-	-	Download
SHT85	±1.5 @0-80% RH	±0.1 @20-50°C	2.15 to 5.5	I ² C	17.8 x 4.9 x 2.1	-	-	Download