

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
SHT20	±3	±0.3	2.1 to 3.6	I ² C, PWM, SDM	3 x 3 x 1.1	-	not available	Download
SHT21	±2	±0.3	2.1 to 3.6	I ² C, PWM, SDM	3 x 3 x 1.1	-	not available	Download
SHT25	±1.8	±0.2	2.1 to 3.6	I ² C	3 x 3 x 1.1	-	not available	Download
SHT10	±4.5	±0.5	2.4 to 5.5	Digital Sbus	7.5 x 4.9 x 2.6	-	not available	Download
SHT11	±3	±0.4	2.4 to 5.5	Digital Sbus	7.5 x 4.9 x 2.6	-	not available	Download
SHT15	±2	±0.3	2.4 to 5.5	Digital Sbus	7.5 x 4.9 x 2.6	-	not available	Download
SHT71	±3	±0.3	2.4 to 5.5	Digital Sbus	19.5 x 5.08 x 3.1	-	-	Download
SHT75	±1.8	±0.3	2.4 to 5.5	Digital Sbus	19.5 x 5.08 x 3.1	-	-	Download