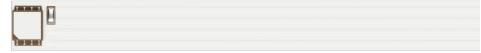


Air Humidity and Temperature Sensor

TapHome air humidity and temperature sensor for ceiling cooling. Precise dew point calculation, zone control. EXT terminal, replaceable.



Quick Facts

Dimensions	12 × 15 × 5 mm
Operating temperature	-40 ... 85 °C
IP rating	IP20

Typical condensation sensors can not provide zone regulation, they are slow to respond and as a result, the cooling performance is hindered. With this special TapHome sensor, zone control is available, dew point calculation is precise and the overall cooling performance is at its maximum. Plus, the sensor can be replaced, it is not buried forever underneath plaster.

For air conditioning control, miniature size of the sensor enables unintrusive installation locations. Connection via the EXT terminal of bus modules (2UI / 6UI / 6UI6OC / 4UI 2DO) allows installation along long cable lengths without voltage loss.

Order Code	EXT-HUMIDITY REV:1.1
EAN	 8588602930939

Technical Specifications

ELECTRICAL

Power consumption	1 mA
Connection	UI (universal input)

MEASUREMENT

Humidity measurement range	0–100% RH
Humidity accuracy	±3%
Temperature measurement range	-40–85 °C
Measurement accuracy	±0.5 °C

Features

- Relative air humidity sensor with range 0% to 100%
- Relative air humidity accuracy 3%
- Temperature sensor onboard
- Current consumption 1 mA
- Insert the sensor into the EXT terminal on a 2UI, 6UI, 6UI / 6OC, or 4UI / 2DO module. These modules support digital communication over a bus line.
- Operating temperature -40°C to +85°C

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<https://hardware.taphome.com/air-humidity-and-temperature-sensor/>

