

# STH01 Temperature humidity sensor

Format 55



The STH01 transmits the current measured values for temperature and humidity every 10 minutes. In addition, the manual transmission of the measured values is possible at any time by pressing the front button.

The transmitted values can then be processed by the APC01 Control Center and used in scenes.

Based on this, for example the room climate can be controlled automatically via the Smarthome Server in connection with thermostats, shutters or fans.

In addition, the STH01 has a battery control function. If the capacity of the battery is low, this is signaled on the device by an LED and transmitted to the Smarthome Server.

The STH01 can not be operated without the Control Center APC01!



STH01EN5001A01-02K

## Technical specifications

Coding	Easywave neo
Frequency	868.30MHz
Channels	1
Range	typically 150 m in good free-field conditions
Power supply	1x 3V-battery, CR2032
Measuring range humidity	20% to 80% RH $\pm 5\%$ RH
Measuring range temperature	0°C to +60°C $\pm 1^\circ\text{C}$
Measurement transmission	every 10 minutes or when the transmitter button is pressed
Function	measuring and transmitting temperature and air humidity values
Operating temperature	-20°C to +60°C
Dimensions (W/L/H)	
Rocker	55/55/9.0 mm
Mounting plate	71/71/1,5 mm
Cover frame	80/80/9.4 mm
Weight	49g (including battery and cover frame)
Color	white similar RAL 9003

## Scope of delivery

- Temperature humidity sensor
- Battery
- Mounting plate
- Cover frame
- Adhesive pad
- Operating manual

## Accessories (optional)

RTS22-ACC-01-01P	Mounting plate, white
RTS22-ACC-05	Cover frame, white



RTS22-ACC-01-01P



RTS22-ACC-05

## Models

Product number	Description
STH01EN5001A01-02K	Temperature humidity sensor, Easywave, 1x DATA, for server, Format 55, white