

SH01 Radio humidity sensor

Format 55



The SH01 radio sensor combines a humidity sensor with a push button.

The humidity sensor cyclically measures the relative air humidity and transmits a switching signal to an Easywave radio receiver when defined values are exceeded or reached again. The receiver can then switch connected devices, such as fans or electrical window openers.

The push button function is a standard Easywave application designed to switch electrical devices ON or OFF.

The sensor can be integrated into cover frames with a cut-out dimension of 55 x 55 mm produced by various manufacturers (see compatibility list).



SH01E5002-01-02K

Technical specifications

Coding	Easywave
Frequency	868.30 MHz
Channels	2
Range	typically 150 m in good free-field conditions
Power supply	1x 3V-battery CR2032; alternatively 12-24 V AC/DC wired
Measuring range	1-99 % relative humidity (RH)
Accuracy	± 5 % (at 30-70 % RH)
Thresholds	>74% RH; fast increase of 4% at >40% RH
Function	measuring+transmitting air humidity levels, switching ON/OFF (2-button operation)
Operating temperature	-20 °C to +60 °C
Dimensions (W/L/H)	
Transmitter module	55/55/9 mm
Mounting plate	71/71/1.5 mm
Cover frame	80/80/9.4 mm
Weight	47g (including battery and cover frame)
Color	white similar RAL 9003

Scope of delivery

- Radio 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
SH01E5002-01-02K	Radio humidity sensor, Easywave, 2x ON/OFF, Format 55, white