

TEMPERATURE AND HUMIDITY SENSOR



Features

The EnOcean Temperature and Humidity Sensor is wireless and battery-free. It measures the temperature and the humidity of a room every 100 seconds, and directly sends the information to the home automation gateway, to know in real time the humidity level and the temperature of a room.



BATTERY-FREE

The sensor is recharged with light



PRECISE MEASUREMENTS FOR TEMPERATURE AND HUMIDITY

Direct information when a variation of 0.5°C or +/- 2% humidity is detected



QUICK INSTALLATION

Wireless, mounting with double-sided adhesive or screws



OPTIONAL BATTERY

A CR1216 battery can be added for use in a dark area



HEARTBEAT SIGNAL

The Temperature and Humidity Sensor sends a «heartbeat signal» indicating the temperature and the humidity every 15 to 30 minutes

Technical specifications

Power source: Solar panel (photovoltaic) for 3 days autonomy

Autonomous working: 100 Lumens

Measurement range 0°C to 40°C (0.1°C resolution)

Indoor use

Wall mounting using adhesive strips (included) or screws (not included)

Operational temperature: 0°C to 40°C

Humidity range: 0 to 100% RH

First use without battery needs a <10 minutes light load

Optional CR1216 battery (not included) for dark area use

Autonomy in total darkness: 3 years

Pairing button at the back of the sensor

Radio frequency range: 868.0 to 868.6 MHz or 905 to 915 MHz (according to the reference)

Range: up to 30m indoors

EEP (EnOcean Profile): A5-04-01



List of compatible home automation gateways available on www.nodon.fr

Comfort



Control the humidity level in a room to make sure the air quality is right*



Measure the humidity level of a bathroom and launch a scenario: start the ventilation on high if humidity >60%

Serenity



Measure humidity level and temperature in a restaurant wine cellar*

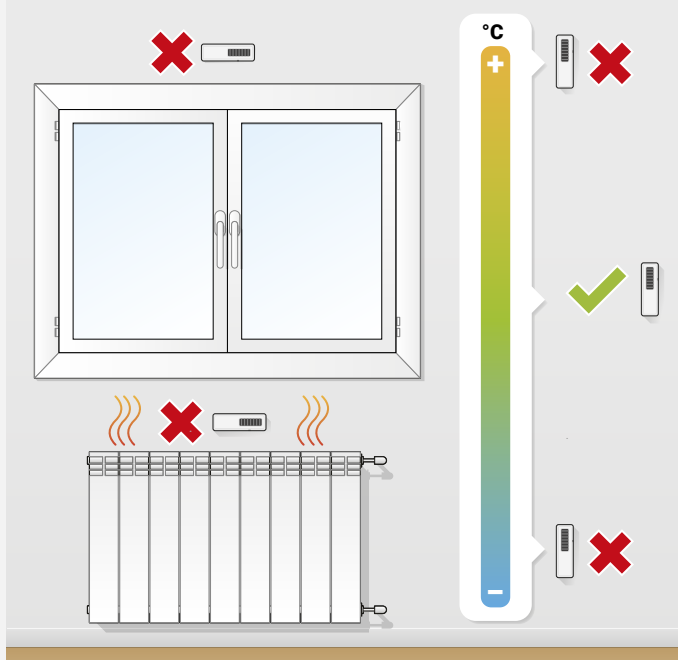
Energy savings



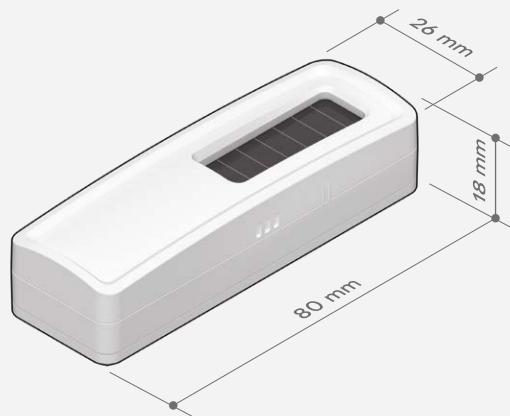
Optimize the heating through a scenario according to room temperature*

*Home automation gateway needed

Installation



Dimensions



References

Frequency 868.0 MHz to 868.6 MHz:

STPH-2-1-05 - EAN: 3700313921241 - White

Frequency 905 to 915 MHz:

STPH-2US-1-05 - EAN: 3700313921296 - White