



GO WIRELESS

READY STEADY GO

TG-R5W

Wireless room temperature sensor

TG-R5W is a high quality room temperature sensor within the Regin Go Wireless concept. It is easy to install and has a discreet design.

- ✓ Wireless room temperature measurement
- ✓ Easy and quick installation with snap-on lid
- ✓ Stable and sensitive detection
- ✓ High reliability and extensive communication range

Function

TG-R5W monitors the temperature in a room and sends signals to a receiver to activate for example ventilation or heating. It is designed to work with the Regin product RCW-M, a wireless receiver with Modbus communication.

The sensor monitors the temperature at a preset time interval, and if the temperature has changed by $\pm 0.2^{\circ}\text{C}$ it will send a signal to the receiver. If the temperature is stable, the sensor will transmit a signal every 95-110 minutes.

Appearance

The sensor has a white, discreet housing.

Under the cover is a pushbutton for pairing the sensor with a receiver and test purposes, and a LED light that indicates contact with the receiver and battery status.

Installation

The sensor is easy to mount on any flat surface. It is easy to install and move which makes it very flexible.

The sensor uses two 1.5 V Lithium batteries.

For optimal temperature monitoring, the sensor should be mounted in an open space with good air circulation, and at a height of 1.2 to 1.4 meters.

Technical data

Battery	AA 1.5 V L91 x 2
Battery life	10 years
Frequency	868 MHz
Operating temperature	-10...+50°C
Operating humidity	Max. 85 % RH (non-condensing)
Protection class	IP30

CE

Low Voltage Directive (LVD) standards: This product conforms to the requirements of the European Low Voltage Directive (LVD) 2014/35/EU through product standards EN 60950-1, +A11, +A1, +A12, and +A2

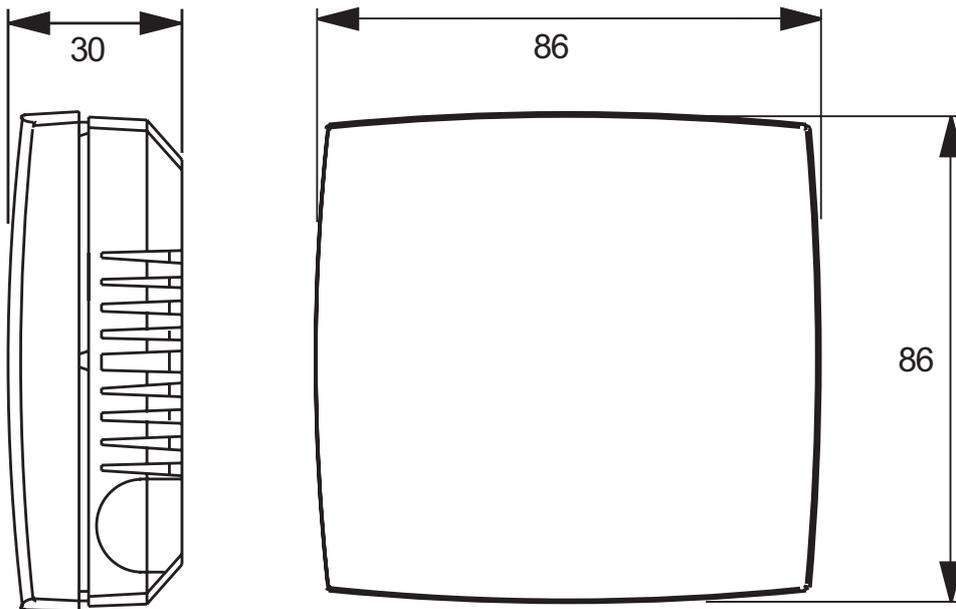
EMC emissions & immunity standards: This product conforms to the requirements of the EMC Directive 2014/30/EU through product standards EN 50130-4, EN 61000-4-2, EN 61000-4-3 and +A2

Efficient use of the radio frequency spectrum: This product conforms to the requirements of the Efficient use of the radio frequency spectrum, Article 3.2 of 1999/5/EG through the following standards: EN 301489-1: V1.9.2, EN 301489-3: V1.6.1, EN 300220-2: V2.4.1, EN 300220-1: V2.4.1

RF & Human exposure
EN 62479

RoHS: This product conforms to the Directive 2011/65/EU of the European Parliament and of the Council through product standard EN 50581:2012

Dimensions



Measurements in mm.

Product documentation

Document	Type
Instruction TG-R5W	Instruction for installation of TG-R5W
Instruction RCW-M	Instruction for installation of the Modbus receiver RCW-M

The product documentation can be downloaded from www.regincontrols.com.