



TG-R6W

Wireless outdoor temperature sensor

TG-R6W is a high quality outdoor temperature sensor within the Regin Go Wireless concept. It is easy to install and has a discreet design.

- ✓ Wireless outdoor temperature measurement
- ✓ Easy and quick installation
- ✓ Stable and sensitive detection
- ✓ High reliability and extensive communication range

Function

TG-R6W monitors the outdoor temperature and sends signals to a receiver to control for example fan speed. 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 $\pm 1^{\circ}\text{C}$ it will send a signal to the receiver. If the temperature is stable, the sensor will transmit a signal every 95-110 minutes.

The temperature detection range is $-30\ldots+50^{\circ}\text{C}$.

Appearance

The sensor has a white, discreet housing.

Under the cover is a pushbutton for pairing the sensor with the receiver and for 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 CR123 3 V Lithium batteries.

Technical data

Battery	CR123A 3V lithium x 2
Battery life	6 years
Frequency	868 MHz
Operating temperature	-30...+50°C
Operating humidity	Max. 85 % RH (non-condensing)
Protection class	IP54

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

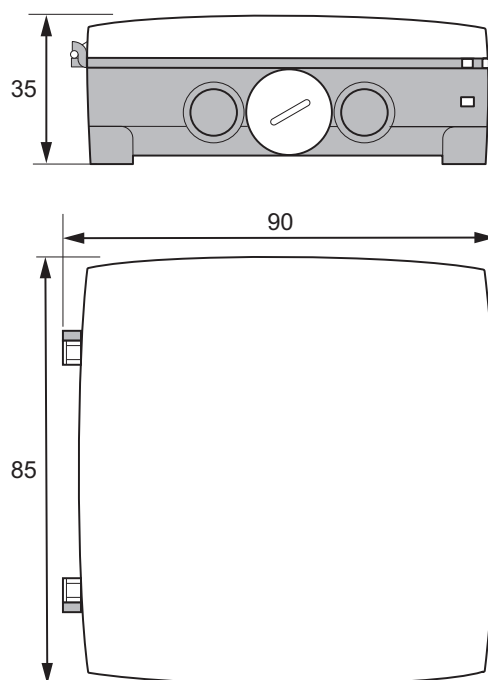
EMC emissions & immunity standards: This product conforms to the requirements of the EMC Directive 2014/30/EU through product standards EN 50130-4, EN 61000-4-2, EN 61000-4-3 and +A2

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-R6W	Instruction for installation of TG-R6W
Instruction RCW-M	Instruction for installation of the Modbus receiver RCW-M

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