



TECH CONTROLLERS EU-C-MINI Wireless Room Temperature Sensor User Manual

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TECH CONTROLLERS EU-C-MINI Wireless Room Temperature Sensor



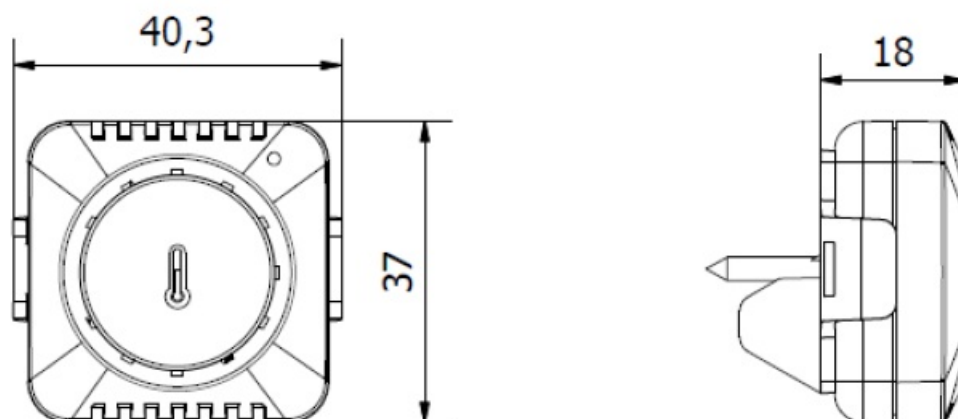
Description

EU-C-mini sensor is intended to cooperate with the main controller. Such sensors are installed in particular heating zones. They provide the main controller with current room temperature reading so that it can adjust the position of thermostatic valves (opening them when the room temperature is too low and closing them once the pre-set room temperature has been reached).

Technical data

- **Range of temperature measurement** $-30^{\circ}\text{C} - 50^{\circ}\text{C}$
- **Operation frequency** 868MHz
- **Accuracy of measurement** $0,5^{\circ}\text{C}$
- **Power supply** CR2032 battery

DIMENSION



How to register EU-C-mini sensor to a given zone

Each room sensor should be registered in a particular zone. In order to do it, use <Registration> parameter in the submenu of a particular zone. Select <Registration> icon and press the communication button on a particular C-mini sensor. Once the registration process has been completed successfully, the main controller display will show an appropriate message.

NOTE Only one room sensor may be assigned to each zone.

The following rules must be kept in mind:

- A maximum of one temperature sensor may be assigned to each zone.
- once registered, the sensor cannot be unregistered, but only switched off in the submenu of a given zone.
- if the user attempts to assign a sensor to the zone to which other sensor has already been assigned, the first sensor becomes unregistered and it is replaced by the second one.
- if the user attempts to assign a sensor which has already been assigned to a different zone, the sensor is unregistered from the first zone and registered in the new one.

It is possible to set individual pre-set temperature value and weekly schedule for each room sensor assigned to a given zone. The settings may be configured both in the controller menu (Main menu/Sensors) and via www.emodul.eu (using EU-505 module or WIFI RS).

Safety

Before using the device for the first time the user should read the following regulations carefully. Not obeying the instructions included in this manual may lead to personal injuries or controller damage. The user's manual should be stored in a safe place for further reference. In order to avoid accidents and errors it should be ensured that every person using the device has familiarized themselves with the principle of operation as well as security functions of the controller. If the device is to be sold or put in a different place, make sure that the user's manual is there with the device so that any potential user has access to essential information about the device.

The manufacturer does not accept responsibility for any injuries or damage resulting from negligence; therefore, users are obliged to take the necessary safety measures listed in this manual to protect their lives and property. We are committed to protecting the environment. Manufacturing electronic devices imposes an obligation of providing for environmentally safe disposal of used electronic components and devices. Hence, we have been entered into a register kept by the Inspection For Environmental Protection. The crossed-out bin symbol on a product means that the product may not be disposed of to household waste containers. Recycling of wastes helps to protect the environment. The user is obliged to transfer their used equipment to a collection point where all electric and electronic components will be recycled.

WARRANTY CARD

TECH company ensures to the Buyer proper operation of the device for the period of 24 months from the date of sale. The Guarantor undertakes to repair the device free of charge if the defects occurred through the manufacturer's fault. The device should be delivered to its manufacturer. Principles of conduct in the case of a complaint are determined by the Act on specific terms and conditions of consumer sale and amendments of the Civil Code (Journal of Laws of 5 September 2002).

CAUTION! THE TEMPERATURE SENSOR CANNOT BE IMMERSSED IN ANY LIQUID (OIL ETC). THIS MAY RESULT IN DAMAGING THE CONTROLLER AND LOSS OF WARRANTY! THE ACCEPTABLE RELATIVE HUMIDITY OF THE CONTROLLER'S ENVIRONMENT IS 5÷85% REL.H WITHOUT THE STEAM CONDENSATION EFFECT. THE DEVICE IS NOT INTENDED TO BE OPERATED BY CHILDREN.

Activities related to setting and regulation of the controller parameters described in the Instruction Manual and parts wearing out during normal operation, such as fuses, are not covered by warranty repairs. The warranty does not cover damages arising as a result of improper operation or through the user's fault, mechanical damage or damage created as a result of fire, flood, atmospheric discharges, overvoltage or short-circuit. The interference of an unauthorized service, wilful repairs, modifications and construction changes cause the loss of Warranty. TECH controllers have protective seals. Removing a seal results in the loss of Warranty.

The costs of unjustifiable service call to a defect will be borne exclusively by the buyer. The unjustifiable service call is defined as a call to remove damages not resulting from the Guarantor's fault as well as a call considered

unjustifiable by the service after diagnosing the device (e.g. damage of the equipment through the fault of the client or not subject to Warranty), or if the device defect occurred for reasons lying beyond the device. In order to execute the rights arising from this Warranty, the user is obliged, at his own cost and risk, deliver the device to the Guarantor along with a correctly filled-in warranty card (containing in particular the sale date, the seller's signature and a description of the defect) and sales proo (receipt, VAT invoice, etc.). The Warranty Card is the only basis for repair free of charge. The complaint repair time is 14 days. When the Warranty Card is lost or damaged, the manufacturer does not issue a duplicate.

EU Declaration of Conformity

Hereby, we declare under our sole responsibility that EU-C-mini manufactured by TECH, headquartered in Wieprz Biała Droga 31, 34-122 Wieprz, is compliant with:

- Directive 2014/53/EU of the European parliament and of the Council of 16 April 2014. on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment;
- Directive 2009/125/EC establishing a framework for the setting of ecodesign requirements for energy-related products;
- the regulation by the Ministry of Economy of May 8, 2013 'concerning the essential requirements as regards the restriction of the use of certain hazardous substances in electrical and electronic equipment', implementing provisions of ROHS directive 2011/65/EU.

For compliance assessment, harmonized standards were used:

- PN-EN IEC 60730-2-9 :2019-6 par. 3.1a Safety of use
- ETSI EN 301 489-1 V2.1.1 (2017-02) par.3.1b Electromagnetic compatibility
- ETSI EN 301 489-3 V2.1.1 (2017-03) par.3.1 b Electromagnetic compatibility
- ETSI EN 300 220-2 V3.1.1 (2017-02) par.3.2 Effective and coherent use of radio spectrum
- ETSI EN 300 220-1 V3.1.1 (2017-02) par.3.2 Effective and coherent use of radio spectrum


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Documents / Resources

	<p>TECH CONTROLLERS EU-C-MINI Wireless Room Temperature Sensor [pdf] User Manual EU-C-MINI Wireless Room Temperature Sensor, EU-C-MINI, Wireless Room Temperature Sensor, Room Temperature Sensor, Temperature Sensor</p>
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