Wireless sensor

Wireless temperature sensor FTR55EHB-

Temperature at mounting location:
-20°C up to +50°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

valid for devices from production week 27/23 (see bottom side of housing)

Wireless temperature controller for single mounting 80x80x27 mm or mounting into the E-Design55 switching system. With battery (lifetime 4 years). Smart Home sensor.

The temperature controller can be taught in in the actuators heating/cooling relay FHK or FR62 and Professional Smart Home controllers.

The temperature controller sends a message to the Eltako Wireless Building system when a change of min. 0.15°C occurs in the actual or setpoint temperature within 60 seconds. If no change occurs, a status message is sent every 5 minutes.

A jumper defines the function mode. In the mode TF only ON or OFF are sent, in the mode FHK the measured and set temperature are sent.

Measurement accuracy is approx. 1°C.

The **reference temperature** that ranges from +12°C to +28°C is changed using the hand wheel.

In the ❄ position, the set temperature is 8°C (frost protection).

We recommend stainless-steel countersunk 2.9x25 mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25 mm and with 55 mm switch boxes.

2 internal 3V CR1632 button cells are supplying the power for several years.

To replace the button cell, all you need to do is remove the front panel.

Only install on a flat surface:
Screw on mounting plate. Then snap on frame. Remove battery insulation and snap on front panel.

Select operating mode:
In as-delivered state (both slide switches up), **operating mode FHK** is active.

If the left slide switch is pushed down to position TF, the system switches over to **TF mode.**

Send teach-in telegram:
In order to teach the temperature controller into a ready to teach-in actuator, the front panel must be removed. Press briefly the LRN pushbutton which is then accessible.

After the temperature controller is taught in to a FR62 device, the teach-in mode ends and locks automatically.

Unlock teach-in mode of FR62 with FTR55EHB-:
1. Slide the right slide switch down to the Mode 2 position.
2. Switch off/on power supply of FR62.
3. Press briefly LRN pushbutton.
4. Slide the right slide switch up again.

Operating mode TF: EEP: A5-38-08
Teach-in telegram: 0xE0400D80
Data telegram: OFF = 0x01000008
   ON = 0x01000009
Hysteresis: 1°

Operating mode FHK: EEP: A5-10-06
Teach-in telegram: 0x40300D87
Data_byte2 = reference temperature 12°C to 28°C, frost symbol = 8°C
Data_byte1 = actual temperature 0 to 40°C.

The crossed-out waste container indicates that batteries may not be disposed with other household or commercial waste.

⚠ **Attention: Danger of explosion if battery is replaced improperly. Only replace it by an equivalent type!**

Manuals and documents in further languages:

http://eltako.com/redirect/FTR55EHB-

1. 📷 App   2. [QR]   3. www.

enocean®

THE UNIQUE WIRELESS **PROFESSIONAL SMART HOME** STANDARD

Frequency	868.3 MHz
Transmit power	max. 10 mW

Hereby, Eltako GmbH declares that the radio equipment type FTR55EHB- is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity can be accessed via the QR code or the internet address under 'Documents'.

Must be kept for later use!

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