

## Tap-radio® humidity temperature sensor

### TF-FTSB

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

Wireless humidity temperature sensor pure white glossy for single mounting 84x84x20mm or mounting into the E-design switching system. With battery. The humidity temperature sensor measures constantly the relative humidity between 0 and 100% ( $\pm 5\%$ ) and the temperature between -20 and +60°C ( $\pm 0.5^\circ\text{C}$ ).

The wireless humidity temperature sensor sends every 10 minutes a data telegram to the Eltako wireless building system. This interval can be reduced to 5 minutes by changing the position of the jumper. Remove the front panel.

Evaluation by actuator F2L14, the Smart Home central unit MiniSafe, GFVS-Safe, GFVS-Touch etc. with the Eltako Wireless Building app GFA2.

We recommend stainless-steel countersunk screws 2.9x25mm, DIN 7982 C, for screw connections.

Set of 2 stainless-steel countersunk screws 2.9x25mm and plugs 5x25mm are enclosed.

The power supply is an internal 3V CR2032 button cell and has a service life of several years.

Just remove the front panel to change the button cell.

#### **Installation only on a level surface:**

Screw on the mounting plate. Then snap on the frame, pull out the battery insulation and snap on the front panel.

**To teach in** remove the front panel and press the teach-in button.

Teach-in telegram: 0x10100D87

Data telegram acc. to EEP: A5-04-02

Data\_byte3 = -

Data\_byte2 = **Relative air humidity 0 to 100%** (equiv. to 0..250) 1 Bit = 0.4%

Data\_byte1 = **Temperature -20 to +60°C** (equiv. to 0..250) 1 Bit = 0,32°C

Data\_byte0 = 0x0F

**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!**

#### **EnOcean wireless**

|                |            |
|----------------|------------|
| Frequency      | 868,3 MHz  |
| Transmit power | max. 10 mW |

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


**The full text of the EU declaration of conformity is available at the following internet address: [eltako.com](http://eltako.com)**

#### **Must be kept for later use!**

### **Eltako GmbH**

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