

Tap-radio® motion sensor



TF-BSB

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 motion sensor pure white glossy for single mounting 84x84x27 mm or mounting into the E-design switching system. With battery.

At factory settings, taught in light and dimming actuators turn off automatically 5 minutes after the last detected motion. Switching on the light by pushbutton.

Automatic motion-dependent switch-on is activated by plugging a jumper in the 'active' position.

We recommend stainless-steel countersunk screws 2.9x25 mm, DIN 7982 C, for screw connections. Set of 2 stainless-steel countersunk screws 2.9x25 mm and plugs 5x25 mm 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 mounting plate. Then snap on the frame, remove the battery insulation foil and snap on the front plate.

**In order** to teach in to an actuator in teach-in mode or to the GFVS, remove the front panel and press the teach-in pushbutton.

Data telegram as per EEP: A5-07-01  
Data\_byte3 = -  
Data\_byte2 = -  
Data\_byte1 = 0x08 = semi-automatic motion detector

OxFF = fully automatic motion detector

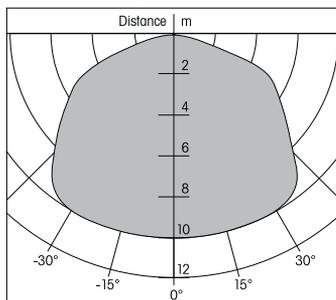
Data\_byte0 = 0x08

Teach-in telegram: 0x1C080D80

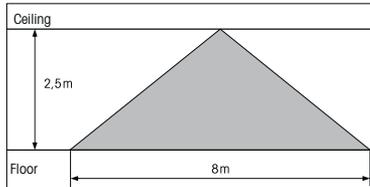
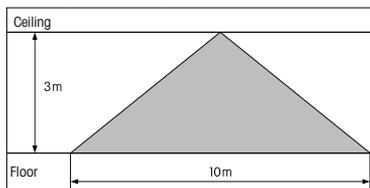
The TF-BSB sends a motion-detected telegram every 60 seconds when motion is detected.

The wireless sensor can be taught in to the tap-radio actuators TF61L, TF61D, TF-TA65L, TF-TA65D, TF-TA55L, TF-TA55D, TF100L and TF100D.

**Wall mounting**



**Ceiling mounting**



**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-BSB 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**

D-70736 Fellbach

**Technical Support English:**

☎ Michael Thünte +49 176 13582514

✉ [thunte@eltako.de](mailto:thunte@eltako.de)

☎ Marc Peter +49 173 3180368

✉ [marc.peter@eltako.de](mailto:marc.peter@eltako.de)

[eltako.com](http://eltako.com)