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Wireless sensor

Wireless motion sensor FB65B

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 surface mounting 84x84x25 mm or mounting into the E-Design65 switching system. With battery (lifetime 3 years). Smart Home sensor.**

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.

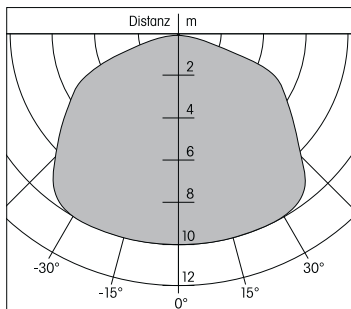
Just remove the front panel to change the button cell.

**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.

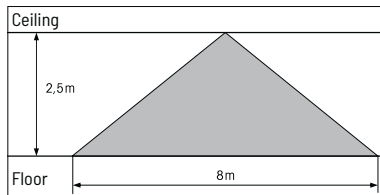
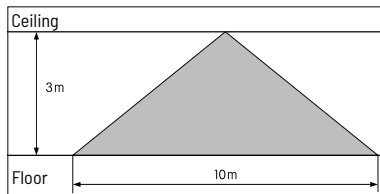
**In order** to teach in to an actuator in teach-in mode or to the GFVS, remove the front panel and press the teach-in push-button.

The FB65B sends a motion-detected telegram every 60 seconds when motion is detected.

### Wall mounting



### Ceiling mounting



**The crossed-out waste container indicates that batteries may not be disposed with other household or commercial waste. Batteries can be returned free of charge to the retail outlet after use.**



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

Wireless telegrams as per EEP A5-07-01  
Data\_byte3 = -  
Data\_byte2 = -  
Data\_byte1 = 0xC8 = semi-automatic motion detector  
0xFF = fully automatic motion detector  
Data\_byte0 = 0x08  
Teach-in telegram: 0x1C080D80



**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 FB65B 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!**

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38/2020 Subject to change without notice.