



Wireless sensor

Outdoor motion/brightness sensor
 FABH65S

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!

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 outdoor motion/brightness sensor, 84x84x39mm, protection class IP54.

In as-delivered state the energy accumulators are empty and must be charged in bright daylight for about 10 hours.

In normal ambient brightness (at least a daily average of 200 Lux), the energy of the integrated solar module is sufficient to power the FABH65S.

The power reserve stored in capacitors supplies the power requirement for the night.

The sensor requires no installation depth behind the mounting plate and can be screwed to any flat surface.

The complete module can be removed from the frame for screw mounting.

We recommend stainless-steel counter-sunk screws 2.9x25mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25mm and with 55mm switch boxes. Set of 2 stainless-steel counter-sunk screws 2,9x25mm and plugs 5x25mm are enclosed.

To teach-in an actuator in teach-in mode, hold the supplied blue magnet or any other available magnet below the point on the side panel of the sensor marked by ■. This sends a teach-in telegram.

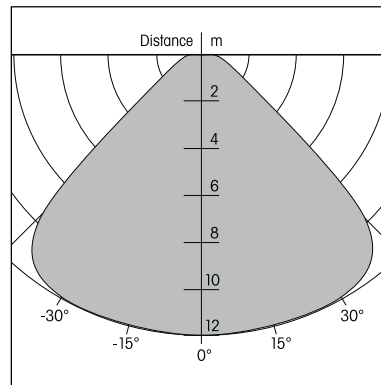
The sensor measures from 0 to 2000 lux and transmits a message to the Eltako

wireless network every 100 seconds if the brightness changes by min 10 lux. If the sensor detects motion, it sends a signal twice immediately. The switch-off signal is sent after the off delay which has a fixed setting of 1 minute. If there is no change, a status message is sent every 20 minutes.

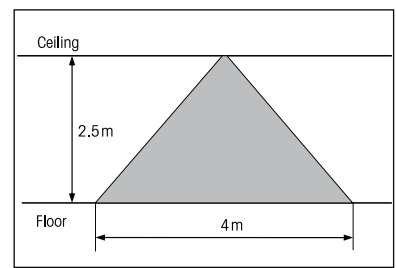
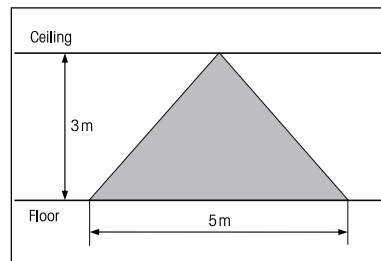
When teaching-in in actuators, the switching threshold is defined for switching the light on/off depending on the brightness. Additional variables are also taught-in on the FKR12.

If a FABH detects motion, then the device is switched on and only when all the FABHs taught-in in an actuator fail to detect motion for one minute, the actuator return delay starts if this was previously set.

Wall mounting



Ceiling mounting



ELTAKO GmbH hereby declares that the products that relates to this operating manual, are in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC. A copy of the EU declaration of conformity can be requested at the address below.

Must be kept for later use!

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18/2014 Subject to change without notice.