Eltako
ELECTRONICS

Wireless Sensor

CE

Indoor brightness sensor
FIH65B

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 indoor brightness sensor for ceiling mounting 84x84x28mm. Power supply from 12V DC switch mode power supply unit or batteries. For automatic brightness control using dimmer switches FUD14, FUD71, FSG14/1-10V and FSG71/1-10V.

In delivery state, the battery is empty and must be charged before startup. Either using the red/black 12V DC connecting wire for approx. 1 minute or by inserting two AAA batteries (not included in scope of supply) for approx. 3 minutes.

In normal mode, power is supplied either by a 12V DC switch mode power supply unit FSNT61-12V/6W connected by cable to a flush-mounted box under the sensor, or by AAA batteries. If the connecting cable is no longer required, it can be cut off. Then 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 countersunk screws 2.9x25mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25mm and with 55mm switch boxes. Set of 2 stainless-steel countersunk 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 FIH63B measures brightness similar to the perception of the human eye.

The sensor measures from 0 to 1024 Lux and sends a telegram to the Eltako wireless network every 5 seconds if there is a change in brightness of min. 4 Lux. If there is no change, a status report is sent approx. every 100 seconds.

The automatic brightness control is activated in the FUD14, FUD71, FSG14/1-10V and FSG71/1-10V during teach-in.

In addition, the FBH motion detector can be taught-in in the FUD14, FUD71, FSG14/1-10V and FSG71/1-10V.

If an FBH detects motion, then the device is switched on and only when all the FBHs taught-in in the actuator fail to detect motion for one minute, the actuator starts the time delay.

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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