FIH65S-wg   **Wireless indoor brightness sensor**

Wireless indoor brightness sensor pure white glossy for single mounting 84x84x30 mm or mounting into the E-design switching system. Power supply with the integrated solar cell or a 12 V DC power supply unit. Smart Home sensor.

The electronic requires no intrinsic power supply, so there is no standby loss.

The wireless indoor brightness sensor powered by a solar module covers the range from 0 to 30000 Lux. From approx. 300 Lux, it transmits a wireless telegram to the Eltako wireless network every time there is a brightness change of more than approx. 500 Lux within approx. 10 seconds. If the brightness does not change, a control signal is sent approx. every 100 seconds.

New actuators FSR and FSB can cover the range from 0 to approx. 30 Lux using the twilight switch function. A wireless telegram is sent about every 100 seconds within this range.

In as-delivered state the energy accumulators are empty and must be charged in bright daylight for about 5 hours or connected to a charger for about 10 minutes via the red/black 12 V DC connecting cable.

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

In normal ambient brightness (at least a daily average of 200 Lux), the energy of the integrated solar module is sufficient to power the FIH65S. Then the 12 V DC connecting cable may be cut off if necessary. The sensor then requires no installation depth behind the mounting plate. It 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 2.9x25 mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25 mm and with 55 mm switch boxes. Set of 2 stainless-steel countersunk screws 2,9x25 mm and plugs 5x25 mm are enclosed.

If the ambient brightness is insufficient, power is supplied by the connecting cable from a switching power supply unit FSNT61-12 V/6 W fitted below in a switch box.

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.

When teaching-in in actuators, the switching threshold is defined for switching the light on/off depending on the brightness.

The wireless sensor can be taught-in into the following actuators and the Wireless Building Visualization and Control Software:
FLC61, FSB14, FSB61, FSB71, FSG14, FSG71, FSR14, FSR61, FSR71, FUD14, FUD61, FUD71

| FIH65S-wg | Brightness sensor, pure white glossy | EAN 4010312315811 | **94,40 €/pc.** |