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Wireless Proximity sensor with battery,
pure white glossy
FNS55EB-wg

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 proximity sensor with battery
pure white glossy for single mounting
80x80x15 mm or mounting into the
E-Design55 switching system. With battery
(lifetime 5-8 years). Smart Home sensor.**

By approaching and removing the hand to
approx. 10 cm, this proximity sensor sends
radio telegrams, like a 1-channel radio push-
button.

The wireless proximity sensor calibrates
itself automatically in operation and is
insensitive to ambient light.

The scope of supply comprises the frame
RTUE55, an attachment frame, the mounting
base, the front panel, the wireless module
and one adhesive foil. The mounting base
can be screwed onto a flat surface or glued
to the wall, on glass or on furniture using the
enclosed adhesive foil. Use the sleeves in
the 55 mm socket box for screw mounting.

Before mounting, remove the front panel
and separate the frame and the attachment
frame from the holding plate. To do this,
press the latches on the mounting base out-
wards. Then screw on the holding plate – with
its top and bottom catches – and engage
the frame with its attachment frame and
the wireless module in the catches.

We recommend stainless-steel counter-
sunk screws 2.9x25 mm, DIN 7982 C, for
screw connections. Both with rawl plugs
5x25 mm and with 55 mm switch boxes.
The scope of supply includes 2 pcs stainless
steel countersunk head screws 2.9x25 mm
and rawl plugs 5x25 mm.

Start-up and function test

- Pull out the insulating strip located under the CR2032 battery.
- After the automatic calibration lasting about 10 s, the LEDs flash briefly when you approach your hand.

The wireless proximity sensor can be taught into actuators as a universal pushbutton or central pushbutton.

The teach-in process is described in the operating instructions for the actuators.

How to switch the device

- Move your hand briefly within the detection range.

The device signals that it detects your hand by the LEDs flashing briefly.

How to dim the device

- Move your hand briefly within the detection range.
- Keep moving your hand within the detection range until the brightness reaches the intensity you require.
- To reverse the dimming direction, remove your hand briefly from the detection range and then return it within the detection range.

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 according to EEP F6-01-01

ORG = 0x05

Data_byte 3: Hand in the detection area = 0x10
Remove hand = 0x00



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**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 FNS55EB-wg 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

Must be kept for later use!

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