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Wireless Proximity sensor with battery,  
pure white glossy  
FNS55B-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 in the 55 mm  
switch 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 R,  
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 en-  
closed 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 10s, 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



**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 FNS55B-wg is in com-  
pliance 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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50/2020 Subject to change without notice.