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Wireless 1-way proximity sensor with NanoPower technology in E-Design55 FNSN55EB-

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 1-way proximity sensor with NanoPower technology in E-Design55, 80 x 80 mm external dimensions, internal frame dimensions 55x55 mm, 15 mm high. Thanks to NanoPower, up to 30 years of battery life.

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 R1UE55, an attachment frame, the mounting base, the front panel, the wireless module and one adhesive foil. The mounting plate can be screwed over a flush-mounting box with a screw spacing of 60 mm or screwed on a flat surface. The wireless proximity sensor can be glued to the wall, on glass or on furniture using the enclosed adhesive foil.

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 outwards. 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.

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 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.

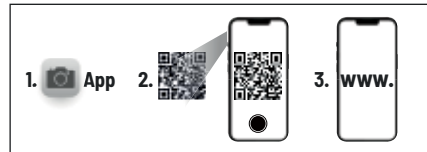
 **Attention: Danger of explosion if battery is replaced improperly. Only replace it by an equivalent type!**


Wireless telegrams according to EEP F6-01-01
ORG = 0x05
Data_byte 3: Hand in the detection area = 0x10
Remove hand = 0x00

Manuals and documents in further languages:



<https://eltako.com/redirect/FNSN55EB->




enocean®
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 FNSN55EB- is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity can be accessed via the QR code or the internet address under 'Documents'.

Must be kept for later use!

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