

Wireless sensor



Proximity pushbutton FNT55

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 proximity pushbutton for surface mounting 84x84x30mm or mounting in Q Design frames QRE, QRA or QRR.

Power supply with batteries.

The scope of supply includes a frame QRR1, an attachment frame, a battery mounting plate and an adhesive foil.

In as-delivered state, the energy buffer is empty and has to be charged with two pieces of AAA batteries (not included in scope of delivery) for about 10 minutes before startup. The batteries last about 2 to 4 years.

The sensor requires no installation depth behind the mounting plate and can be screwed or stuck to any flat surface.

An adhesive film is supplied.

We recommend sheet metal countersink screws 2.9x25mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25mm and with 55mm switch boxes.

After mounting, the proximity pushbutton monitors the environmental capacitance, calibrates itself about 3 minutes and then responds to the approach of a hand or another part of the body from about 7cm distance. In this case, it sends an ON telegram, like any other wireless pushbutton.

If the detection zone is left, it sends an Off telegram. If the proximity pushbutton brings itself into another position, he needs about 3 minutes again to recalibrate.

If the proximity pushbutton will be permanently excited for more than 30 seconds, he considers it as a strong change of environmental capacitance, recalibrates itself and sends an Off telegram.

For later use!**Eltako GmbH**

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