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Eltako ELECTRONICS

Wireless sensor

CE

Wireless temperature sensor
FTF55

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%.

valid for devices from production week 13/13 (see bottom side of housing)

Wireless temperature sensor for surface mounting and integration in the 55x55 mm and 63x63 mm switch system. Own power supply with the integrated solar cell or a 12 V DC power supply unit. From production week 13/2013 also with batteries.

The scope of supply includes a frame in Q-Design QRR, an attachment frame and a battery mounting plate. For mounting in frames with 55- or 63-neckline (without batteries!) also an intermediate frame ZR and ZRF in the same color and a mounting plate.

In the as-delivered condition, the energy storage is empty and needs to be charged before use. Either via the red/black 12 V DC power cable for about 5 minutes or via the solar cell in broad daylight for about 5 hours or from 13/2013 by inserting two pieces AAA batteries (not included in delivery) for about 5 minutes.

In normal operation, the power supply is either through the cable with a 12 V DC power supply unit FSNT61-12 V/6 W in a flush-mounted box under the sensor or from 13/2013 with AAA batteries, supported by the solar cell, or only with the solar cell under normal ambient light, in a daily average of at least 200 lux. If only the solar cell is available, the energy storage must first be charged for several days with daylight.

If the connecting cable is not needed, it can be cut off. This means the sensor requires no installation depth behind the mounting plate. It can be screwed to any flat surface.

We recommend stainless-steel countersunk 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.

The complete module can be removed from the frame so that it can be screwed on.

The sensor sends a message every 100 seconds to the Eltako wireless network at an actual temperature change of minimum 0.3°C. If there is no change, a status report is sent every 20 minutes.

Measurement accuracy is approx. 1°C.

To teach-in in an actuator in teach-in mode, hold the supplied blue magnet or any other magnet at hand below the point on the side panel of the sensor marked by ■. This sends a teach-in telegram.

Power saving mode:
If the light is too weak or the power supply too low, the device switches to power saving mode. The status message is only sent approx. every 40 minutes until the power is depleted.

ELTAKO GmbH hereby declares that the products that relates to this operating manual, are in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.
A copy of the EU declaration of conformity can be requested at the address below.

Must be kept for later use!

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44/2014 Subject to change without notice.