

Wireless sensor



Wireless temperature sensor

FTF65S

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 temperature sensor for single mounting 84x84x30mm or mounting into the E-design switching system. Own power supply with the integrated solar cell or a 12V DC power supply unit or with AAA batteries in the frame (lifetime 3 years).

In the as-delivered condition, the energy storage is empty and needs to be charged before use. Either via the red/black 12V DC power cable for about 5 minutes or via the solar cell in broad daylight for about 5 hours or 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 12V DC power supply unit FSNT61-12V/6W in a flush-mounted box under the sensor or 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.

The complete module can be removed from the frame for screw mounting.

We recommend stainless-steel counter-sunk screws 2.9x25mm, DIN 7982 C,

for screw connections. Both with rawl plugs 5x25mm and with 55mm switch boxes. Set of 2 stainless-steel counter-sunk screws 2,9 x25mm and plugs 5x25mm are enclosed.

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 an actuator in teach-in mode, hold the supplied blue magnet or any other available magnet 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.

EnOcean wireless

Frequency	868.3 MHz
Transmit power	max. 10 mW

Hereby, Eltako GmbH declares that the radio equipment type FTF65S 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!

Eltako GmbH

D-70736 Fellbach

Technical Support English:

☎ Michael Thünte +49 176 13582514

✉ thuente@eltako.de

☎ Marc Peter +49 173 3180368

✉ marc.peter@eltako.de

eltako.com