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Eltako ELECTRONICS

Wireless sensor CE

Wireless temperature sensor FTF55

Wireless temperature sensor for integration in the 55x55 mm and 63x63 mm switch system. Own power supply from integrated solar cell.

The scope of supply includes a frame R, an intermediate frame ZR in the same colour, a mounting plate and an adhesive film. In addition, an intermediate frame ZRF in the same colour is supplied for installation in an existing frame R1F, R2F or R3F for flat push-buttons.

In the as-delivered state, the energy accumulators are empty and therefore they must first be charged either in bright daylight for approx. 5 hours or using the red/black 12 V DC connecting cable for approx. 10 minutes.

The power reserve stored in capacitors supplies the power requirement for the night.

In normal ambient brightness (daily average of at least 200 Lux) the energy of the integrated solar module is sufficient to power the sensor. Then the 12 V DC connecting cable may be cut off if necessary. This means the sensor requires no installation depth behind the mounting plate. It can be screwed or affixed to any flat surface. An adhesive film is supplied.

We recommend sheet metal countersink screws 2.9x25 mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25 mm and with 55 mm switch boxes.

If the ambient brightness is insufficient, power is supplied by the connecting cable from a switch mode power supply unit SNT61-230 V/12 V DC fitted below it in a switch box.

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. The bistable display is updated. If there is no change, a status message is sent every 20 minutes.

Measurement accuracy is approx. 1°C.

The evaluation is carried out with actuators FHK12, FHK61, FHK70, F2L61, F2L70, F4H12, F4L12, and the FVS-Software.

Teach-in:
Press the LRN key on the rear to teach-in or clear the sensor fitted to a wireless actuator that is set to teach-in mode.

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.

Important note!

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock.

02/2012 Subject to change without notice.