Wireless multi sensor, pure white glossy
FMS55ESB

Temperature at mounting location:
-5°C up to +45°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

Wireless multi sensor pure white glossy for single mounting 80x80x14 mm or mounting into the E-Design55 switching system. With integrated solar cell and battery CR1632 (not included in the scope of supply). Smart Home Sensor.

This multi sensor comprises sensors for temperature, humidity, lighting, acceleration and magnetic contact all integrated in a single housing. It sends all data via EnOcean wireless to the Eltako Wireless Building system. The integrated solar cell generates the necessary power from ambient light in rooms. Power is then stored internally to allow the multi sensor to operate for several days without light. The multisensor has an NFC interface, which can be used to configure it with the free 'EnOcean Tool' app and an NFC-enabled smartphone or tablet.

In its as-delivered state, the EEP: D2-14-41 is enabled and contains the data of all sensors. The sensor parameters can be edited via the NFC interface and individual EEPs can be selected:
D2-14-40, A5-04-01, A5-04-03, A5-02-05, A5-06-02, A5-06-03 or A5-14-05.

In the as-delivered state the energy storage device is empty and must be charged for 5 minutes in bright light before starting.

When operated with only the solar cell, the energy storage device must be charged for several days. Later, when operated, an average daily ambient luminosity of min. 200 lux is required.

The holding plate can be screwed to a flat surface or affixed to the wall, to glass or to furniture using the enclosed adhesive foil.

Before mounting the device with screws, remove the front panel. Then remove the frame with its mounting frame and the multi-sensor module from the holding plate by pressing the catches on the holding plate outwards. Then screw down the holding plate – with its top and bottom catches – and engage the frame with its mounting frame and multi-sensor module in the catches.

Use the sleeves in the 55 mm socket box for screw mounting.

We recommend stainless-steel countersunk screws 2.9x25 mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25 mm and with 55 mm switch boxes.

Press the teach-in button briefly (<1s) **to teach** an actuator which is currently in teach-in mode or to teach in the GFVS. First remove the multisensor module from the frame: Remove front panel. Then use a small screwdriver to remove the multi-sensor module from the mounting frame.

A CR1632 button cell can be used if there is insufficient ambient light.

(Caution: Connect with the correct polarity). First remove the multisensor module from the frame (see above).

The LED signals when wireless telegrams are being sent.

For more data and settings, see STM550 at www.enocean.com.

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 FMS55ESB 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!