Eltako
ELECTRONICS

Tap-radio® heat detector

TF-HMB

CE

Temperature at mounting location:
-10°C up to +50°C.
Storage temperature: -20°C up to +60°C.
Relative humidity:
annual average value <75%.

Wireless heat detector pure white with wireless emitter module in the base. Ø86mm, 48mm high. With solar cell and battery (lifetime 10 years). Smart Home sensor.

A heat alarm is indicated by a series of repeated sounds, the volume is at least 85dB.

Operation is indicated by a red LED flashing every 48 seconds.

The power supply of the smoke alarm detector is made by an internal, non-interchangeable lithium battery for about 10 years. When the battery is at the end of its life, a short beep sound is produced. Then only the heat detector must be replaced.

The power supply for the radio transmitter module is provided by a solar cell if sufficient brightness is present. In the delivery state, the battery is empty and must first be charged in daylight. If the room brightness is not sufficient for operation, a 3,6V lithium battery 1/2 AA (not included) must be inserted.

The radio transmitter module sends an alarm telegram immediately to the Eltako wireless system. This is also done when the cover is pressed during the function test.

As soon as the alarm extinguishes, an alarm-end telegram is sent.

Approx. every 30 minutes a status message is sent.

To teach-in the smoke detector in a prepared actuator, the button on the radio emitter must be pressed.

Temperature at mounting location: -10°C to +50°C.

Installation in kitchens, smoking rooms and garages.

Do NOT mount the heat detector at the following places:
- In bedrooms
- In lounges
- In dining rooms
- In the hall
- In living rooms
- In rooms where the temperature may exceed a range of -10° to +50°C.

Functional check: Once a month, carry out a functional check and keep at least 50cm away from the device since the alarm signal is loud! By pressing the cover of the heat detector a sound will be emitted and the LED flashes twice red!

Mute function: In case of an accidental or incorrect alarm, the alarm can muted for 10 minutes by pressing the heat detector cover.

One or more heat detectors can be taught-in in these actuators: **TF61L,**

TF100L and **TF100A**. If an alarm telegram is received, the contact closes immediately. If an alarm-end telegram is received, the contact doesn´t open automatically, the alarm must be acknowledged manually via a push-button.

If a heat detector is taught-in in an **FSR14,** the middle rotary switch of the FSR14 must be set to AUTO 2. If an alarm telegram is received, the contact closes immediately. If an alarm-end telegram is received, the contact opens automatically.

If several heat detectors are taught-in in an FSR14, the middle rotary switch must be set to AUTO 4, by this way, all taught-in heat detectors are linked.

If an alarm telegram is received, the contact closes immediately. The contact opens automatically only if all heat detectors have sent an alarm-end telegram.

If heat detectors are taught-in in an **FMZ61,** they are automatically linked. If an alarm telegram is received, the contact closes immediately. At position 0,5s: the contact opens automatically if all heat detectors have sent an alarm-end telegram. At position 1h: the contact doesn´t open automatically if all heat detectors have sent an alarm-end telegram but the alarm must be acknowledged manually via a pushbutton.

To teach-in this heat detector in a ready to learn actuator, press thje pushbutton on the wireless module.

Technical data:

Operating temperature	-10°C to +50°C
Storage temperature	-20 to +60°C
Protection class	IP30

EnOcean wireless

Frequency	868.3MHz
Transmit power	max. 10mW
Range	10 to 30m

Wireless telegrams according to EEP:
A5-30-03
ORG = 0x07
Data_byte3 = 0x00
Data_byte2 = Temperature 0..40°C, linear 255..0
Data_byte1 = 0x0F = alarm, 0x1F = no alarm
Data-Byte0 = 0x08
Teach-in telegram: 0xC0182D80

The crossed-out waste container indicates that batteries may not be disposed with other household or commercial waste.

⚠ **Attention: Danger of explosion if battery is replaced improperly. Only replace it by an equivalent type!**

Hereby, Eltako GmbH declares that the radio equipment type TF-HMB 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

WEEE registration number DE 30298319

Must be kept for later use!