

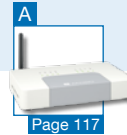
# Wireless transmitter FTM T/TF for temperature and/or humidity



- Flexible location-independent use anywhere in buildings
- Wireless transmission, cyclically (function check and transmission of values)
- Wireless operation (photovoltaic cell or battery)
- Easy mounting via wall bracket



Wall bracket FTM with snap-on mounting.



**Application** Determination of the ambient temperature and air humidity at a defined location.

**Description** The temperature sensor FTM T transmits the current ambient temperature via the integrated EnOcean® wireless module to the AFRISOhome gateway. The temperature and humidity sensor FTM TF also transmits the value of the current air humidity. Based on the event message, the AFRISOhome gateway can trigger measures. The energy required to send a wireless telegram is generated by means of the integrated photovoltaic cell. An optional battery can be used for application in darker rooms. The ambient temperature can be readjusted via the single room temperature controller CosiTherm® Wireless in order to keep the room temperature from rising or falling. The AFRISOhome gateway transmits alarm messages and changes in temperature and/or humidity via WLAN or LAN to the person in charge (for example, to the owner, the facility manager, the janitor or other configured contacts); the message includes information on which temperature sensor has signalled the change. The AFRISOhome gateway in conjunction with additional AFRISO products with EnOcean® wireless technology allows the user to configure a whole range of fully customisable, extensible applications.

## Technical specifications

### Operating temperature range

Ambient: 0/40 °C  
Storage: -20/+60 °C

### Measuring range

Temperature: 0/40 °C  
Accuracy: ±1 K  
Humidity: 0/100 % r.h.  
Accuracy: ±5 % r.h.

### Supply voltage

Energy harvesting (via photovoltaic cell) or 1/2 AA lithium battery, DC 3.6 V (with daylight less than 200 lx)

### Housing

Colour: White, similar to RAL 9003  
W x H x D: 52 x 40 x 17 mm  
Weight: 24 g  
Degree of protection: IP 30 (EN 60529)

### EnOcean® wireless

EEP: A5-02-05 (FTM T) or A5-04-01 (FTM TF)  
Frequency: 868.3 MHz  
Transmission power: Max. 10 mW  
Range: 10 to 30 m (depending on room arrangement and materials in the building)

### Scope of delivery

- Temperature sensor
- Wall bracket
- 2 x adhesive dots
- Without battery

### Necessary additional components

- CosiTherm® Wireless and/or
- AFRISOhome gateway

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See operating instructions for detailed information on the range of the EnOcean® wireless module.

DG: L, PG: 4	Part no.	Price €
<b>Temperature sensor FTM T</b>	<b>78144</b>	
<b>Temperature and humidity sensor FTM TF</b>	<b>78145</b>	