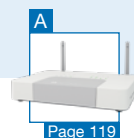
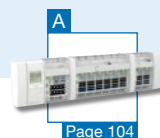


Wireless transmitter FTM T/TF for temperature and/or humidity



- Flexible location-independent use anywhere in buildings
- Radio 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.

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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, LAN and GSM 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

Frequency: 868.3 MHz
Transmission power: Max. 10 mW
Transmission cycle: 2.5 minutes
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



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

DG: L, PG: 4	Part no.	Price €
Temperature sensor FTM T	78144	
Temperature sensor FTM T, set of 3	78978	
Temperature and humidity sensor FTM TF	78145	
Temperature and humidity sensor FTM TF, set of 3	78979	
Accessories		
1/2 AA lithium battery	78100	