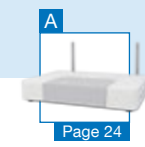
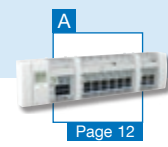


Radio transmitter FTM T/TF for temperature and/or humidity



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



Application Determination of the ambient temperature and air humidity at defined locations.

Description The temperature sensor FTM T transmits the actual ambient temperature via the integrated EnOcean® wireless module to the AFRISO Gateway. The temperature and humidity sensor FTM TF also transmits the value of the actual air humidity. Based on the event message, the AFRISO Gateway can trigger measures. The energy required to send a wireless message is generated by means of an integrated photovoltaic cell; it is also possible to use a battery in dark rooms. For example, 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 AFRISO 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 AFRISO 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 ½ AA lithium battery, DC 3.6 V (with daylight less than 200 lx)

Housing
 WxHxD: 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
- No battery

Necessary additional components

- CosiTherm® Wireless and/or
- AFRISO Gateway

DG: G	Part no.	Price €
Temperature sensor FTM T	78144	
Temperature and humidity sensor FTM TF	78145	
Accessories		
½ AA lithium battery	78100	