

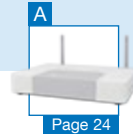
Universal radio transmitter FTM



- Compact design
- Wireless operation (photovoltaic cell or battery)
- Easy plug-in mounting (probe) or wall mounting by means of wall bracket
- Transmitter for various AFRISO probes



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Application Determination of the ambient temperature at defined locations and/or connection to the AFRISO probe range.

Description The universal radio transmitter FTM cyclically transmits the actual ambient temperature and the logical state of the connected AFRISO probe and also transmits a telegram via the integrated EnOcean® wireless module to the AFRISO Gateway when the state changes. The AFRISO Gateway can then initiate the appropriate action. 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 energy required to send the message with the state transition is generated by means of an integrated photovoltaic cell; it is also possible to use a battery in dark rooms. The AFRISO Gateway transmits alarm messages and state transition messages 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 universal transmitter radio FTM has signalled the state transition. 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.

- Floor water probe (for water detection)
- Pressure gauge with electrical contact (for signalling limit values)
- Minimelder (for signalling minimum levels in tanks)
- Maximelder (for signalling maximum levels in tanks)

Technical specifications

Operating temperature range

Ambient: 0/40 °C
Storage: -20/+60 °C

Temperature measuring range

Measuring range: 0/40 °C
Accuracy: ±1 K

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: 22 g
Degree of protection: IP 42 (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

- Universal radio transmitter FTM
- Wall bracket
- No battery

Necessary additional components

- AFRISO probe with plug-in connector
- AFRISO Gateway



Floor water probe BWS con

Level probe Minimelder/
Maximelder

DG: G	Part no.	Price €
Universal radio transmitter FTM	78143	
Accessories		
Floor water probe BWS con	78142	
Minimelder probe for FTM	78147	
Maximelder probe for FTM	78148	
½ AA lithium battery	78100	