

universal wireless transmitter



benefits

- Equipment can be integrated into building automation systems via voltage-free contact
- Transmitter for numerous AFRISO probes, e.g. Minimelder/Maximelder level probes for level or floor water probe
- compact design
- connection cable for easy device connection available as an option
- EnOcean® wireless technology
- EEP (EnOcean® Equipment Profile): A5-30-03

Application

Monitoring of the switching states of voltage-free contacts. In addition, transmission of ambient temperature.

Description

The universal wireless transmitter can integrate any device with a voltage-free contact into a building automation system. Examples comprise the alarm relays of heating systems or status messages of alarm systems. The voltage-free contact is supplied with voltage by the universal wireless transmitter. A defined recipient is immediately notified of each state transition via EnOcean® wireless. The universal wireless transmitter is used as a transmission unit for many AFRISO probes such as Minimelder or Maximelder, pressure gauges with electrical contact, etc. 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 AFRISOhome gateway transmits alarm messages and state transition messages 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 universal wireless transmitter FTM has signalled the state transition. The AFRISOhome gateway in conjunction with additional AFRISO smart home products with EnOcean® wireless technology allows the user to configure a whole range of fully customisable, extensible applications:

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

Technical Specifications

Operating temperature range

Ambient: 0/40 °C
 Storage: -20/+60 °C

Measuring range

temperature: 0/40 °C
 Accuracy: ± 1 K

Supply voltage

Energy harvesting (via photovoltaic cell)
 1 x 3.6 V 1/2 AA lithium battery
 (at daylight of less than 200 lx)

Housing

plastic housing (PC)
 Colour: white, similar to RAL 9003
 W x H x D: 52 x 40 x 17 mm
 Degree of protection: IP 54 (EN 60529)

EnOcean® wireless

EEP: A5-30-03
 Frequency: 868.3 MHz
 Transmission power: max. 10 mW
 Range: 10 – 30 m
 Range: depending on room arrangement and materials in the building

Scope of delivery

- Universal wireless transmitter FTM
- wall bracket
- 2 x adhesive dots

necessary additional components

- AFRISO probe with plug-in connector
- AFRISOhome gateway

Versions

		Part no.
Wireless transmitter FTM		78143

- in-stock items
- Non-stock items