kerberos

XCM-THW-200

Applications

For residential

IP65 | X- MONITOR | 2xC

Outdoor amplified wireless probe

- **External temperature and relative humidity sensor**

- **Fundamental for accounting purposes (UNI 9019:2013 standard)**
- **High sensitivity of the radio module**
- **Battery powered (included**

The **XCM-THW-200** amplified external probe combines a digital ambient **temperature** and relative **humidity** sensor for external environmental monitoring in a **compact device.**
The high sensitivity of the amplified radio module allows you to reach high distances (>300 m) in free air.
The external probe sends the temperature measured for metering purposes to the MaggiorDOMO system concentrator according to **UNI 9019:2013.**
The data on external temperature and relative humidity are also made available to users by displaying them on the chronothermostat.

Technical Features

General specifications	**Protection Range**: IP65 **Operative Temperature**: -15 ÷ +60 °C
Case	**Dimensions**: 79 x 87 x 56 mm (W x H x D) **Mounting**: Panel mounting with supplied supports **Material**: PC/ABS, Self extinguishing: UL 94 V-O
Battery power supply	**Supply Voltage**: 2 x 1.5 V **Battery Type**: 2 type C, half torch **Approximate Battery Life**: > 6 years
Radio module	**Supported Protocols**: IEEE 802.15.4 ZigBee Pro® **Radio Frequency**: 2.4 GHz **Output Power**: +3 ÷ +20 dBm **Sensitivity**: -101 dBm **Antenna Type**: 1 internal **Max Distance (Free Air)**: Over 300 m
Functionality	**Radio Signal Indicator**: Integrated (LinkQuality) **Output Power Adjustment**: From remotely **Firmware Upgrade**: Via radio
Temperature sensor	**Measure Range**: -40 ÷ +123.8 °C **Precision**: ±0.4 ÷ 25 °C **Repeatability**: ±0.1 °C **Resolution**: ±0.01 °C
Humidity sensor	**Measure Range**: 0 ÷ 100%RH **Precision**: ±3%RH from 20 to 80%RH **Repeatability**: ±0.1%RH **Resolution**: ±0.03%RH **Hysteresis**: ±1%RH **Long Period Stability**: <0.5%RH/year
Certifications	**Referends Standard**: UNI 9019:2013