

RFM-AMB

Wireless MBUS sensor of temperature and humidity



Description

The mod.RFM-AMB is a temperature and humidity sensor that collects the data recorded in the rooms in which it is installed and re-transmits them via Wireless MBus.

The module records the actual, minimum, maximum and average data detected in the last hour and in the last day and allows to store month's average data up to 12 previous months.

Completely compliant with specific OMS vol.2-monodirectional transmission and it is equipped with anti-removal alarm for a safer and more efficient system.

Technical features

| | |
|-----------------------------|--|
| Temperature reading range | -10° - +55°C (± 0.4°C) |
| Humidity reading range | 0 – 80% (± 3%) |
| Dimensions (l x h x p) | 88 x 88 x 25 mm |
| Power supply | 3.6 V Litihium battery |
| Battery life | 10 years |
| Protection | IP20 |
| Radio transmission | 868 MHz WMBUS Standard EN 13757-4 OMS spec.Vol2 |
| Transmission range | Up to 300 meters |
| Data transmission frequency | Programmable: month, day, hour range, frequency (seconds) |
| Transmitted data | -Actual temperature -min/max/average temperature of last hour - min/max/average temperature of last day -Hystorical monthly average temperature data up to 12 previous months (up to 6 if used combined with Humidity historical data) -Actual humidity --min/max/average humidity of last hour - min/max/average humidity of last day -Hystorical monthly average humidity data up to 12 previous months (up to 6 if used combined with Temperature historical data) |
| Alarms | Low battery, module Removal |