



- **Built-in antenna**
- **Sensor coverage is not impaired when the battery is low.**
- **868 MHz ZigBee technology**
- **Connector for outdoor temperature sensor (with a fixed cable connection to outside)**
- **Option to connect second temperature measurement, 0-10 V transmitter measurement or contact terminal information.**

| Technical details | |
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| Case | ABS plastic |
| Operating temperature | 0°C...+50°C |
| Protection class | IP20 |
| Temperature measurement (NTC 10) - measurement accuracy (10kΩ / 25°C) | +/- 0.2°C |
| Humidity measurement - measurement accuracy - measurement area | 3% (rh max 10-80 %) 0..100% |
| Any of the following measurements can be implemented by using the AUX connection: | |
| • AUX temperature measurem. (NTC10) - operating temperature - measurement accuracy - measurement area | -30°C...+50°C +/- 0.3°C -50°C...+130°C |
| • AUX 0-10VDC transmitter (AI) - measurement accuracy | 0.5% / 50mV |
| • Contact information (IO) | |
| Power source (operated as non-routing temperature sensor) | 2 x AA batteries |
| External power source (operated as routing temperature sensor) | 5 VDC |
| Dimensions | 80 x 85 x 30 mm |
| Installation | Surface installation |

Key factors affecting battery life:
 - Sampling interval
 - Ambient temperature
 - Sensor placed in a weak signal
 (Occasionally dropped out from the network)

| Battery life (not included in delivery): | |
|--|-----------------------|
| Energizer L91 Ultimate Lithium 3100 mAh: 15 min measurement interval 60 min measurement interval | 9.5 years 11 years |
| Energizer EN91 2800 mAh 15 min measurement interval 60 min measurement interval | 6 years 7.5 years |