Item no.: 330943

PRIEDAS4B5 - Blue PUCK T EN 12830 - Bluetooth 4.0 LE EN12830 zertifizierter temperature sensor

from **38,16 EUR**

Item no.: 330943
shipping weight: 0.10 kg
Manufacturer: Teltonika

📄 Product Description

Blue PUCK T EN 12830 - Bluetooth 4.0 LE EN12830 zertifizierter temperature sensor

Perfect monitoring solution for a wide use in the cold chain logistics, freezers, refrigerators and other temperature sensitive cases. Sensor is EN12830-2018 certified, one on the first in the market. Sensor uses advanced Bluetooth 4.0 LE technology to get data from long distance, it can work from internal battery up to 7,5 years! Collected temperature information of the surrounding environment is transferred to FMB device which has possibility to support up to four temperature sensors at the same time!

EN 12830 standard is required for monitoring of temperatures in the means of transport, warehousing and storage of quick-frozen foodstuffs intended for human consumption, to ensure that temperature are recorded correctly. According to the EU regulation from 1 January 2006, all measuring instruments used for the purpose of monitoring the temperature, shall comply with EN 12830. Food operators shall keep all relevant documents permitting verification that the instruments referred to above conform to the relevant EN standard.

- Long transmission range, up to 500 meters (open field)
- Classifies the degree of protection against solid objects and water
- Long battery life time, up to 7,5 years
- Easy configuration with dedicated mobile application via NFC

- Battery: Lifecycle up to 7,5 years (Beacon rate: 3 s / Power: +4 dBm / Download: 4000 values per day / Temperature: one measurement every 10 seconds)
- Operating mode: Advertising beacon mode: periodic data transmission (id + sensor data)
- Online mode: download up to 4,000 stored values
- Bluetooth: 2,4 GHz - Bluetooth Low Energy 4.0/4.2
- NFC: Secured NFC programming
- Dimensions: ø 57 mm base - Thickness 20 mm - 2 mounting ø 4 mm holes, spaced of 49 mm
- Weight: 36 g
- Operating temperature: -30°C to +85°C
- Ingress Protection Rating: IP65 (Waterproof)
- Measuring range: -30°C to +85°C
- Accuracy: +/- 0,5 °C from -25 °C to 85 °C / +/- 1 °C from -40 °C to -25 °C
- Calibration: Parametric calibration coefficients (Polynomial 2 °)
- Resolution: 0,0625°C
- Transmission range: Up to 500 meters (open field)
- Transmission period: 0,1 to 10 second (programmable)
- Regulatory: CE (Europe): EN 300 328/ EN 301 489 & EN 55032 / EN 62368-1 / FCC (USA): FCC 15.247 / FCC PT 15B / ISED/IC (Canada) RSS-247 / ICES-003; RoHS certified

📄 Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability