

Item no.: 351684

PGEX00000400 - BLUE PUCK T EN 12830, PUCK shaped temperature sensor

from 44,91 EUR

 Item no.: 351684
 shipping weight: 0.10 kg
 Manufacturer: Teltonika


Product Description

BLUE PUCK T EN 12830, PUCK shaped temperature sensor

Perfect monitoring solution for a wide use in the cold chain logistics, freezers, refrigerators and other temperature sensitive cases. The sensor is EN12830-2018 certified, one of the first in the market. It uses advanced Bluetooth 4.0 BLE technology to get data from long distance, and can work from internal battery up to 7.5 years! The 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 the 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 the above conform to the relevant EN standard.

Legal Regulation: COMMISSION REGULATION (EC) No 37/2005

- 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
- Weight: 42 g
- Operating temperature: -30°C to +85°C
- Ingress Protection Rating: IP68 (waterproof)
- Measuring range: -30°C to +85°C
- Accuracy: $\pm 0,5^{\circ}\text{C}$ from -25°C to 85°C / $\pm 1^{\circ}\text{C}$ 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; ISSED/IC (Canada): RSS-247 / ICES-003; EN 12830-2018; RoHS certified

Specifications

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

