

Wireless sensors



Blue PUCK T
Ref. IDF25241



The new industry standard in the wireless temperature sensor's market!

- 👁️ Very high range: up to **500 meters** (open field)
- 👁️ High lifecycle: up to **19 years**
- 👁️ Robust industrial casing - **IP68 waterproof**
- 👁️ Integrated **NFC** chipset

TECHNICAL SPECIFICATIONS

Operating modes	Advertising mode: Periodic temperature data transmission Connected mode: Datalogger transmission (record of saved sensor data)
Parameters and configuration	Interface/protocol NFC (Type 2) Configuration: Device Manager Suite / Mobile application (Windows / Android) <ul style="list-style-type: none"> • Activation / deactivation • BLE advertised name (15 characters max.) and transmit power • Transmission period (0,1 sec to 10 sec - configurable in seconds)
Sensor option / performances	Temperature sensor Range: -40 to 85 °C Resolution: 0,0625 °C Accuracy: ±0.5°C maximum (0°C to 65 °C) ±1°C maximum (40°C to 0°C and 65°C to 85°C) Transmitted sensor data: Temperature in 0.01°C on 16 bits
Frequency	2.4 GHz – BLE channels
Output power	Up to +4 dBm
Range	Up to 500 meters open field (+4 dBm)
Power supply	3 VDC – Internal lithium battery
Battery life	<ul style="list-style-type: none"> - Up to 19 years * - Battery voltage reading command using <i>Connected mode</i> - 15% remaining battery warning <i>*For more detailed battery lifetime specification please refer to autonomy spec sheet</i>
Operating temperature	-40°C to +85°C
Housing	Ø 57mm base - Thickness 20mm IP68 Waterproof - Weight 36g DELIRIN (POM C) material – Food Grade (90/128/EEC)
Standards	CE (Europe): EN 300 328/EN 300 330, EN 301 489, EN 62311, EN 62368 FCC (USA): FCC PART 15 ISED (Canada): RSS-247/ICES-003 RoHS certified
Accessories	Double-sided direct fixation of the tag: PUCK STICKER (ACIOM118) Tag support: PUCK HOLDER STICKER (BOT0126)