

Wireless sensors



Blue PUCK T

Ref. IDF25241



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

- 👁️ Bluetooth 5.0 ready
- 👁️ Very long range: up to **500 meters** (open field)
- 👁️ High lifecycle: up to **20 years**
- 👁️ Robust industrial casing - **IP68 waterproof**
- 👁️ Integrated **NFC** chipset

TECHNICAL SPECIFICATIONS

Battery power supply	3 VDC - Lithium internal battery
Frequency	2,4 GHz Bluetooth low energy technology v4.2. V5.0 Ready
Operating mode	Periodic data transmission « Advertising » beacon mode
Transmission range	Up to 500 meters in open field, Max power (+4dB), Under test conditions
Transmission period	0,1 to 10 second programmable
Lifecycle	20 years (Beacon rate = 10s). 0dB power
Resolution	0.0625°C
Radio frame format	Temperature 16 bits, max. 15 characters name Unique 48 bits MAC address Standard,iBeacon, Eddystone format compliant
Settings & configuration	NFC Type 2, Standardized format Programmable advertising interval, name and output power
Typical Accuracy out of calibration	±1°C TYP from -40°C to -25°C, ±0.5°C TYP from -25°C to 85°C
Operating temperature	-40°C to +85°C
Battery level management	Remaining battery (% encoded on one byte)
Housing	Ø 57mm base - Thickness 18mm - IP68 Waterproof Weight 36 g DELFIN (POM C) material – Food Grade (90/128/EEC) 2 mounting Ø 4mm holes, spaced of 49mm
Standards	EN 301489-1 v1.9.2:2011 - EN 301489-3 v1.6.1:2013 EN60950-1:2006 - CE Mark; RoHS Certified
Accessory	PUCK HOLDER STICKER (ACIOM118)



BLUE PUCK T with its **PUCK HOLDER STICKER**