

Wireless sensors



Blue PUCK MAG


Ref. IDF25243



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

- 👁️ Very long range: up to **500 meters** (open field)
- 👁️ High lifecycle: up to **5 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 4.0/4.2 |
| Operating mode | "Advertising" beacon mode: periodic data transmission Connected mode: LED indicator light (ON/OFF switch) |
| Power output | Up to +4dBm (programmable) |
| Transmission range | Up to 500 meters (open field / + 4dBm) |
| Transmission period | 0,1 to 10 second (programmable) |
| Lifecycle | 5 years (Beacon rate = 10s with +4dBm) |
| Radio frame format | ID: 15 characters name Unique 48 bits MAC address Sensor: 15-bit counter & instantaneous state* on 1 bit (LSB) ID (ELA) compliant (*) Immediate transmission upon change of state |
| Settings & configuration | Interface/Protocol: NFC Type 2 Device Manager software or Device Manager Mobile Android App |
| Magnetic range | 2cm typ (detection only on the side of the arrow symbol ) |
| Operating temperature | -40°C to +85°C |
| Battery level management | 15% remaining battery warning |
| Housing | ∅ 57mm base - Thickness 18mm - 2 mounting ∅ 4mm holes, spaced of 49mm IP68 Waterproof - Weight 36g DELIRIN (POM C) material – Food Grade (90/128/EEC) |
| Standards (*) <i>Certification in progress</i> | EC (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 |
| Accessory | PUCK HOLDER STICKER (ACIOM118) |