

Wireless sensors



Blue PUCK DI Ref. IDF25246



Remotely manage your industrial accessories

- 👁️ Switch digital input management
- 👁️ Extended transmission range: up to **500m** (free field)
- 👁️ Battery lifespan: up to **16 years**
- 👁️ Heavy duty industrial case - IP68 waterproof
- 👁️ Built-in NFC chip

TECHNICAL FEATURES	
Supply voltage	3 VDC – Integrated internal lithium battery
Frequency	2.4 GHz - Low Energy 4.0/4.2 Bluetooth
Operating Mode	« Advertising » Mode: recurrent data transmission
Transmission power	Up to +4 dBm (adjustable value)
Coverage scope	Up to 500 meters in free field (+4dBm)
Transmission period	0.1 up to 10 seconds (adjustable value)
Battery lifespan	16 years (Beacon rate = 3s / Power: +4dBm)
Radio frame format	Username: Up to 15 characters MAC address: 48 bits (One single address) <ul style="list-style-type: none"> • Data sensor TOR IN Mode (16 bits): 15-bit counter and 1-bit instant status* (LSB) • 1 = closed contact and 0 = open contact • Compatibility: ID (ELA) (*) Direct transmission based on status modification
Settings and configuration	Gateway /Protocol : NFC (type 2) Device Manager software or Android Device Manager Mobile application available on the store
Input: high level	2.1V up to 3V
Input: low level	0 up to 0.7V
Impedance	20KOhm
Operating temperature	-40°C up to +85°C
Battery level management	Low battery alarm if less than 15% power

<p>Case</p>	<p>Ø 57 mm basis - height 20 mm Case provided with a 64 mm cable gland (excluding cable) IP 68 Waterproof Weight – 50 g DELTRIN (POM C) Adapted for food supply (90/128/EEC)</p>
<p>Standards and regulations (*) Certification in progress</p>	<p>CE (Europe)*: EN 300 328/ EN 301 489 & EN 55032 / EN 62368-1 RoHS</p>
<p>Additional equipment (*)Soon</p>	<p>Double sided direct fixation of the tag: PUCK STICKER (ACIOM188) Tag support: PUCK HOLDER (BOT0126)*</p>

