

Wireless sensors



Blue PUCK DO Ref. IDF25247



Remotely control your industrial accessories

- Switch digital output management
- Extended transmission range: up to **500m** (free field)
- Battery lifespan: up to **9 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	<p>« Advertising » Mode: recurrent data transmission</p> <p>You can use this output in online mode:</p> <ul style="list-style-type: none"> Digital ON: Output activated (output grounding, open collector) Digital OFF: Output disabled (output release, high impedance) Digital ON x: Output activated for a period of x seconds
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	9 years (Beacon rate = 3s / Power: +4dBm)
Radio frame format	<p>Username: Up to 15 characters</p> <p>MAC address: 48 bits (One single address)</p>
Settings and configuration	<p>Interface/Protocol : NFC (type 2)</p> <p>Device Manager software or Android Device Manager Mobile application available on the store</p>
Output: voltage range	0 up to 12V Max polarized
Output: current range	500 mA Max
Output : Rds ON	0.6 ohms à 500 mA
Operating temperature	-40°C up to +85°C

Battery level management	Low battery alarm if less than 15% power
Case	<p>Ø 57 mm basis - height 20 mm</p> <p>Dimensions with integrated cable gland – 64 mm (excluding cable)</p> <p>IP 68 waterproof</p> <p>Weight: 50 g</p> <p>DELRIN (POM C) Adapted for food supply (90/128/EEC)</p>
Standards and regulations (*) Certification in progress	<p>CE (Europe)*: EN 300 328/ EN 301 489 & EN 55032 / EN 62368-1</p> <p>RoHS</p>
Additional equipment (*) Soon	<p>Double sided direct fixation of the tag: PUCK STICKER (ACIOM188)</p> <p>Tag support: PUCK HOLDER (BOT0126)*</p>