

BLUE PUCK BUZZ

Industrial Bluetooth Low Energy beacon



BENEFITS

- Integrated high power Buzzer
- Pick-to-light : integrated high power LED
- Very high autonomy : up to 20 years
- High transmission range
- Smart & secure programming by NFC
- Over The Air Programming (OTAP)
- Dynamic Advertising period



TECHNICAL SPECIFICATIONS

OPERATING MODE

Frequency	2,4 GHz - Bluetooth Low Energy 4.0/4.2
Output power	Up to +4 dBm (configurable)
Range	Up to 500 meters in open field (+4dBm)
Transmission period	2 advertising periods can be configured (value between 0,1 and 86400 seconds). Transition from one to another according to configurable sensor threshold
Radio frame format	ELA ID (15 bytes identifier) iBeacon Eddystone <i>Other frame format available on request. Refer to the frames specifications for more information</i>
Parameters and configuration	Interface/protocol NFC (Type 2)
Connected mode	LED indicator (ON/OFF) command, BUZZER (ON/OFF) command / Battery level

BATTERY

Power supply	3 VDC - Internal lithium battery
Battery life	ID (ELA), iBeacon, Eddystone : up to 20 years* <i>* Refer to the battery life curves for more information.</i>
Battery level	Low battery warning in advertising frames (<15%) Battery voltage in scan response frames (configurable)

CERTIFICATIONS

Europe	CE / UK CA : EN 300 328/ EN 301 489 & EN 55032 / EN 62368-1
USA	FCC : FCC PART 15
Canada	ISED : RSS-247 / ICES-003
RoHs/REACH	Yes

HOUSING

Dimensions	Ø 57 mm base - Thickness 20 mm
Weight	41g
Materials	DELTRIN (POM C) Compatible with food products (90/128/EEC)
Waterproofness	IP 65
Operating temperature	-30°C to +70°C

ACCESSORIES

Tag support	<p>Holder + double-sided adhesive: PUCK HOLDER STICKER (ACIOM118B)</p> <p>Holder only: PUCK HOLDER (ACIOM117B)</p> <p>Double-sided adhesive only: PUCK STICKER (ACIOM188) 3M PT1100 - Ø 55mm - Thickness: 1,1mm</p>
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MECHANICAL DRAWINGS

