

BLUE PUCK ID

Industrial Bluetooth Low Energy beacon



BENEFITS

- Very high autonomy : up to 20 years
- Pick-to-light : integrated high power LED
- High transmission range
- Waterproof (IP68)
- Smart & secure programming by NFC
- Over The Air Programming (OTAP)



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	Advertising period (0,1 sec to 10 sec – configurable)
Radio frame format	Identifier: 15 characters max (15 bytes) Compatible: ID (ELA), iBeacon (Apple) et Eddystone (Google)* <i>* Refer to the frames specification for more information.</i>
Settings and configuration	Interface/protocol NFC (Type 2)
Connected mode	LED indicator (ON/OFF) command / Battery level
Advertising mode	Periodic transmission of identifier data (beacon mode)

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

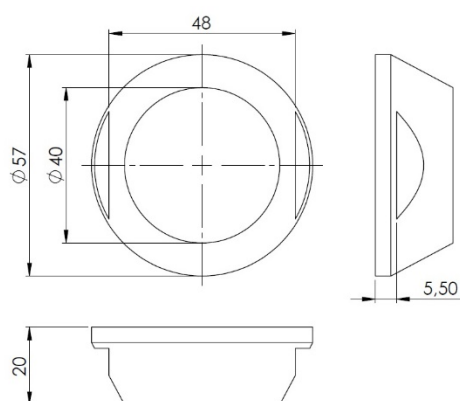
HOUSING

Dimensions	Ø 57 mm base – Height : 20 mm
Weight	41g
Materials	DELRIN (POM C) Compatible with food products (90/128/EEC)
Waterproofness	IP 68
Operating temperature	-40°C to +85°C

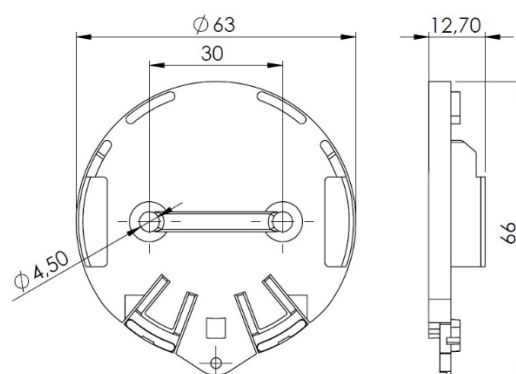
ACCESSORIES

Tag support	PUCK HOLDER STICKER (ACIOM118B) PUCK HOLDER (ACIOM117B) PUCK STICKER (ACIOM188) 3M PT1100 - Ø 53mm – Height: 1,1mm
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MECHANICAL DRAWINGS



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PUCK HOLDER