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 (IP69K)
- Smart & secure programming by NFC
- Over The Air Programming (OTAP)
- Dynamic Advertising period
- BAF Compatible depending on configuration

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** *Other frame format* available on request. Refer to the frames specifications for more information
Parameters and configuration	Interface/protocol NFC (Type 2)
Connected mode	LED indicator (ON/OFF) command / Battery level

BATTERY

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

CERTIFICATIONS

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

HOUSING

Dimensions	Ø 57 mm base – Thickness : 20 mm
Weight	41g
Materials	DELRIN (POM C) Compatible with food products (90/128/EEC)
Waterproofness	IP 69K
Operating temperature	-40°C to +85°C

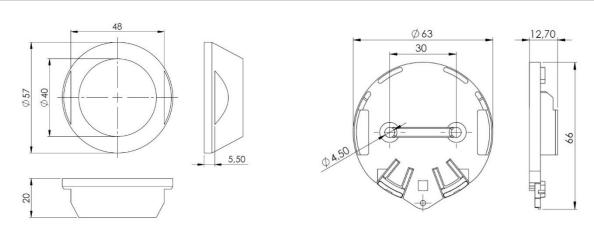## ACCESSORIES

Tag support

Holder + double-sided adhesive:
PUCK HOLDER STICKER (ACIOM118B)
Holder only:
PUCK HOLDER (ACIOM117B)
Double-sided adhesive only:
PUCK STICKER (ACIOM188)
3M PT1100 - Ø 55mm – Thickness: 1,1mm

MECHANICAL DRAWINGS

Blue PUCK ID

PUCK HOLDER

AVAILABLE REFERENCES

Ref	Description
IDF25240-01A	Blue Puck ID extended temperature version & IP69K
IDF25240-02A	Blue Puck ID Bluetooth advanced features ready version & IP69K