

BLUE PUCK T-PROBE

BENEFITS

- Approved EN12830 v2018
- Very high autonomy : up to 15 years
- High transmission range
- Waterproof IP68
- Smart & secure programming by NFC
- Over The Air Programming (OTAP)

TECHNICAL SPECIFICATIONS

OPERATING MODE

Frequency	2,4 GHz range
Output power	Up to +4 dBm (configurable)
Range	Up to 500 meters open field (+4dBm)
Transmission period	Advertising period (0,1 sec to 10 sec – configurable in seconds)
Radio frame format	Identifier (15 characters max) (15 bytes)* Temperature (in 0.1°C) (2 Bytes) <i>*Refer to the frames specifications for more information</i>
Settings and configuration	Interface/protocol : NFC (Type 2)
Connected mode	Datalogger download Battery level command
Advertising mode	Periodic transmission of the identifier and the instantaneous temperature

BATTERY

Power supply	3 VDC – Internal lithium battery
Battery life	Up to 15 years* <i>*Refer to the battery life curves for more information</i>
Battery level	Low battery warning in advertising frames (<15%)

CERTIFICATIONS

Europe	CE : EN 300 328, EN 300 330, EN 301 489, EN 62479, EN 62368-1 EN12830
USA	FCC : FCC PART 15
Canada	ISED : RSS-247/ICES-003
RoHs	Yes
FCC ID	RVVBPUCKTPRB1
IC	20429-BPUCKTPRB1

HOUSING

Dimensions	PUCK housing : Ø 57 mm base - height 20 mm Probe : Ø 3 mm – Lenght 28 mm – M8 Cable : 1 m
Weight	63 g
Materials	PUCK housing : DELRIN (POM C) Compatible with food products (90/128/EEC) Probe : Stainless steel () Cable : Teflon ()
Waterproof grade	IP 68
Operating /storage temperature	PUCK housing : -40°C to +85°C Probe : -80°C – +200°C

ACCESSORIES

Tag support and adhesive	PUCK HOLDER STICKER (ACIOM118B)
Tag support only	PUCK HOLDER (ACIOM117B)
Double-sided adhesive only	PUCK STICKER (ACIOM188) 3M PT1100 - Ø 53mm – h : 1,1mm

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference; and
2. This device must accept any interference received, including interference that may cause undesired operation.

§ 15.21 Information to user

The user manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Industry Canada Statement

This device complies with ISED's licence-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. Le dispositif ne doit pas produire de brouillage préjudiciable, et
2. Ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.