BLUE PUCK T Mesh

Industrial Mesh 2.4Ghz temperature sensor

Wirepas

BENEFITS

- Simple deployment, maintenance, and expansion
- Smart & secure programming by NFC
- Waterproof (IP68)
- Over-the-air (OTA) firmware update via network

TECHNICAL SPECIFICATIONS

OPERATING MODE

Frequency	2.4 GHz – BLE channel / Mesh network
Output power **Range**	Up to +4 dBm (Smart network) Up to 140 meters open field (+4 dBm)
Transmission period	Transmission periods 15" to 18H.
Radio frame format	Setting of the 3-byte identifier, address and WIREPAS network channel. BLE Advertising Frame: Transmission Interval, Name and Power.* *Refer to the frames specification for more information.*
Settings and configuration	Interface/protocol : NFC (Type 2) Acceleration level for inertial event wake up Network Configuration and Diagnostics: Wirepas Network Tool software
Autorole mode	Periodic transmission of temperature measurement
Sensor performance	**Range:** -40 to 85 °C **Resolution:** 0,0625 °C **Accuracy:** ±0.5°C maximum (0°C to 65 °C) ±1°C maximum (-40°C to 0°C & 65°C to 85°C)

BATTERY

Power supply	3 VDC - Internal lithium battery
Battery life	Up to 4 years Battery voltage level sent via network and on MQTT Topic* *Refer to the battery life curves for more information.*

CERTIFICATIONS

Europe	CE : EN 300 328/EN 300 330, EN 301 489, EN 62311, EN 62368
USA	FCC : FCC PART 15
Canada	ISED : RSS-247/ICES-003
RoHS	Yes

HOUSING

Dimensions	Ø 57mm base – Height : 20mm
Weight	41g
Materials	DELRIN (POM C) Compatible with food product (90/128/EEC)
Waterproof grade	IP68
Operating temperature	-40°C to +85°C

ACCESSORIES

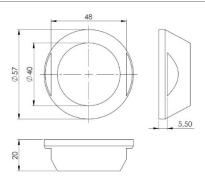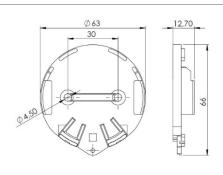|	
Tag support	**Holder + double-sided adhesive:** PUCK HOLDER STICKER (ACIOM118B) **Holder only:** PUCK HOLDER (ACIOM117B) **Double-sided adhesive only:** PUCK STICKER (ACIOM188) 3M PT1100 - Ø 55mm – Thickness: 1,1mm

MECHANICAL DRAWINGS

Blue PUCK T MESH

PUCK HOLDER