

PUCK T

RFID Actif temperature sensors



BENEFITS

- Large transmission range: up to 100 m
- Autonomy: up to 10 years
- Waterproof (IP68)



TECHNICAL SPECIFICATIONS

OPERATING MODE

Frequency	433.92 MHz
Range	Up to 100 meters open field
Transmission period	From 220 ms to 12 h configurable
Radio frame format	Identifier : 12b ID + 12b T°C (24 bits)* 20b ID + 12b T°C (32 bits)* <i>* Refer to the frames specifications for more information</i>
Settings and configuration	By tool SCIEL PROG IR and software ERW
Sensors performance	Domain : - 40 to +85°C Resolution : 0,0625 °C Precision : ± 0.5°C maximum (-25°C to +85°C) ± 1°C maximum (-40°C to -25°C) Calibration : configurable 3-point calibration coefficients (Polynomial 2)

BATTERY

Power supply	3,6 VDC – Battery Li-SOCl ₂
Battery life	Up to 10 years* <i>* Refer to the battery life curves for more information</i>
Battery level	Specific code sent at the end of the battery's life: XXX7FF (XXX: ID code)

CERTIFICATIONS

Europe	EN 300 220 – 2012 : V2.4 .1/ EN 301 489 – 3 : 2013 V1.6.1
RoHs	Yes

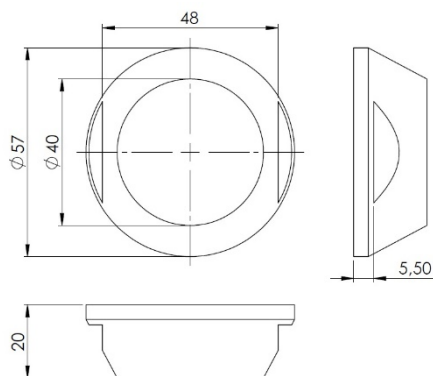
HOUSING

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

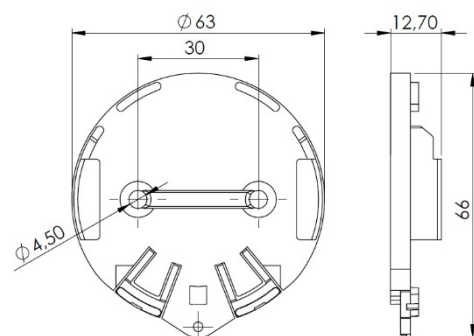
ACCESSORIES

Tag support and double-sided	PUCK HOLDER STICKER (ACIOM118B)
Tag support only	PUCK HOLDER (ACIOM117B)
Double-sided adhesive only	PUCK STICKER (ACIOM188)

MECHANICAL DRAWINGS



PUCK T



PUCK HOLDER