

T 4004

BLE TEMPERATURE SENSOR · PT1000 PROBE

REFERENCE
4004

Puck-sized BLE temperature sensor with a remote PT1000 probe. The probe covers a wide range and sits as close as possible to the measurement point, while the housing stays outside.

Ø 57 × 20 mm

Dimensions Ø × D

63 g

Weight

IP65

Ingress protection

≈ 7 years

Battery life

- BLE iBeacon
- 60 m or more at +4 dBm
- Battery life ≈ 7 years
- Internal 3 V DC lithium cell
- IP65
- -40 °C → +85 °C
- Temperature

Connectivity

TECHNOLOGY

- Bluetooth Low Energy (BLE) beacon

RANGE

- 60 m or more at +4 dBm
- Actual range strongly influenced by the physical environment
- BLE advertising every 2 s

COMPATIBILITY

- All TRAKmy devices with BLE gateway capability

Sensor characteristics

TEMPERATURE

- Range : -80 °C → +200 °C
- Accuracy : ±0,5 °C (-30 → +60 °C) · ±1 °C (-40 → +150 °C) · ±2 °C (-80 → +200 °C)
- Resolution : 0,1 °C

Installation

MOUNTING

- Dedicated adhesive, probe fixing or polyurethane glue

POWER

≈ 7 years Internal 3 V DC lithium cell · not replaceable

- Up to 7 years of battery life
- Battery life depends on usage

Physical characteristics

Dimensions Ø × D	Ø 57 × 20 mm
Weight	63 g
Housing	DELTRIN (POM C)
Ingress protection	IP65
Operating temperature	-40 °C → +85 °C
Probe	Ø 3 mm × 28 mm · M8
Probe temperature	-80 °C → +200 °C
Probe ingress protection	IP68
Probe material	Stainless steel
Cable	1 m

Sensor characteristics

CALIBRATION

- Three-point configurable calibration coefficients
- Factory calibration
- Optional COFRAC accreditation

Certifications

EUROPE

- CE · EN 301 489 / EN 55032 / EN 62368-1
- EN 12830

USA

- FCC 15

CANADA

- ISED RSS-247 / ICES-003

ENVIRONMENT

- RoHS
- UKCA