

Compact BLE temperature sensor with external PT1000 probe for precise temperature monitoring across an extended range. Ideal for applications requiring remote temperature measurement with food-grade materials and extended battery life.

 Bluetooth Low Energy

 Up to 7 years battery life

 IP68 probe / IP65 housing



Ø 57mm × 20mm (2¼ in × 25/32 in)
63g (2.2 oz)

Temperature Monitoring

Probe Range

-80°C to +200°C

Resolution

0.1°C

Accuracy

- ±0.5°C typical (-30°C to +60°C)
- ±2°C typical (-80°C to +200°C)

Housing Operating Temperature

-40°C to +85°C

Probe Specifications

Sensor Type

PT1000

Dimensions

Ø 3mm × 28mm

Material

- Stainless steel probe
- Teflon cable insulation

Connection

M8 × 1.0

Cable Length

1 meter

IP Rating

IP68

Connectivity

Technology

Bluetooth Low Energy (BLE)

Advertisement Period

2 seconds at +4dBm

Transmission Range

Up to 60 meters (65 yards)

Physical Characteristics

Housing Dimensions

Ø 57mm × 20mm (2¼ in × 25/32 in)

Casing Material

DELTRIN (POM C) - Food Grade

Weight

63 grams (2.2 oz)

Housing IP Rating

IP65

Power

Battery Type

Non-replaceable internal lithium battery (3 VDC)

Battery Life

Up to 7 years (depending on transmission power)

Certifications

Europe

- EN 300 328
- EN 301 489
- EN 55032
- EN 62368-1
- EN 12830
- CE marked

Canada

ISED certified

Environmental

RoHS compliant

USA

FCC certified

UK

UKCA certified