

Blue COIN T

BLUETOOTH 4.0 LE TEMPERATURE SENSOR

Perfect monitoring solution for a wide use in the cold chain freezers, refrigerators and other temperature sensitive cases. Sensor uses advanced Bluetooth 4.0 LE technology to get data from long distance. It can work from internal battery up to 5 years! Collected temperature information of the surrounding environment is transferred to RUTX series device, which has possibility to support up to 200 temperature sensors at the same time!

LONG RANGE

Up to 200 meters (open field)

HIGH LIFECYCLE

Up to 5 years

INDUSTRIAL CASING

IP68 waterproof



Technical data

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|---------------------------|---|
| Battery | Lifecycle up to 5 years |
| Bluetooth | 2,4 GHz - Bluetooth Low Energy 4.0/4.2 |
| NFC | Supported |
| Dimensions | ø 36 mm base - Thickness 10 mm - 2 mounting ø 3 mm holes, spaced of 32 mm |
| Weight | 11 g |
| Operating temperature | -30°C to +70°C |
| Ingress Protection Rating | IP68 (Waterproof) |
| Measuring range | -40°C to +85°C |
| Accuracy | ±0,25°C from -0°C to -65°C, ±0.5°C from -40°C to 85°C |
| Transmission range | Up to 200 meters (open field) |
| Transmission period | 0,1 to 10 second (programmable) |

Regulatory

CE (Europe)*: EN 300 328/ EN 301 489 & EN 55032 / EN 62368-1
 FCC (USA)*: FCC 15.247 / FCC PT 15B
 ISED/IC (Canada)*: RSS-247 / ICES-003
 RoHS certified
 (*) Certification in progress

