

Blue PUCK T

BLUETOOTH 4.0 LE TEMPERATURE SENSOR

Perfect monitoring solution for a wide use in the cold chain logistics, 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 19 years! Collected temperature information of the surrounding environment is transferred to RUTX series router which has possibility to support up to 200 temperature sensors at the same time!

VERY LONG RANGE

Up to 500 meters (open field)

HIGH LIFECYCLE

Up to 19 years

INDUSTRIAL CASING

IP68 waterproof



Technical data

Battery	Lifecycle up to 19 years
Bluetooth	2,4 GHz - Bluetooth Low Energy 4.0/4.2
NFC	Supported
Dimensions	ø 57 mm base - Thickness 18 mm - 2 mounting ø 4 mm holes, spaced of 49 mm
Weight	36 g
Operating temperature	-40°C to +85°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 500 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

