Blue PUCK RHT

BLUETOOTH 4.0 LE TEMPERATURE AND HUMIDITY SENSOR

Perfect monitoring solution for a wide use in the cold chain logistics, freezers, refrigerators and other temperature and humidity sensitive cases. Sensor uses advanced Bluetooth 4.0 LE technology to get data from long distance, it can work from internal battery up to 15 years! Collected temperature information of the surrounding environment is transferred 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 15 years

INDUSTRIAL CASING
IP65

Technical data

Battery	Lifecycle up to 15 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	Temperature sensor: -40°C to +85°C Humidity sensor: 0C° to +85C°
Ingress Protection Rating	IP65
Measuring range	Temperature: -40°C to +85°C Humidity: 0 to 100%
Accuracy	Temperature: ±0,25°C from -0°C to -65°C, ±0.5°C from -40°C to 85°C Humidity: ±2% from 0% to 90%, up to ±3% from 90% to 100%
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