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 BLE 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 to FMB device which has possibility to support **up to four 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