

# 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 Mobility 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 57mm base - Thickness 20mm
Weight	42 g
Operating temperature	Temperature sensor: -40°C to +85°C Humidity sensor: 0°C to +85°C
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 300 330, EN 301 489, EN 62311, EN 62368 FCC (USA): FCC PART 15 ISED (Canada): RSS-247/ICES-003 RoHS certified

