

# Blue COIN 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 BLE 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 FMB device which has possibility to support up to four 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

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

