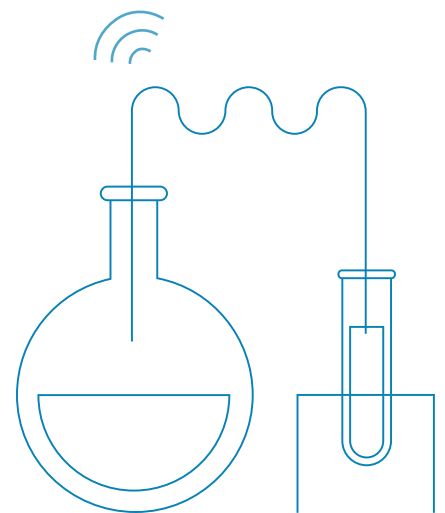
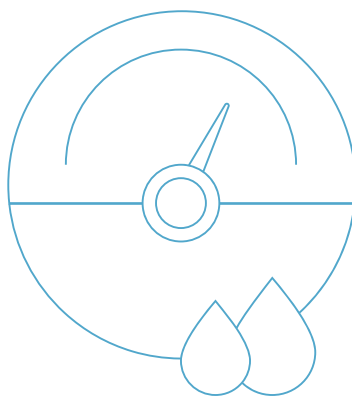
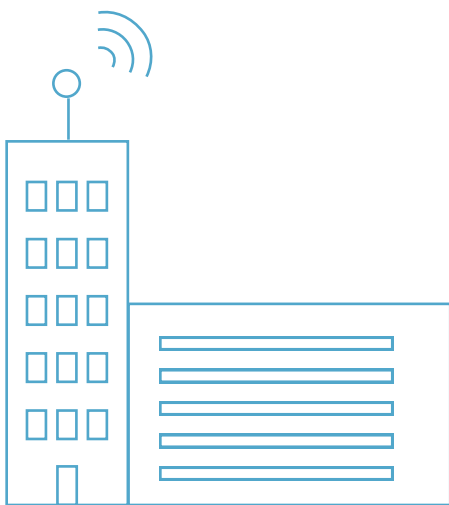


# KOSMOS

## Bluetooth 5 Multi-Sensor Datasheet

This document contains technical information about the Bluetooth 5 multi-sensors supported by Kosmos.



# Nordic Thingy:52

## Technical Specifications

<b>Temperature</b>	-40 to 85°C with $\pm 1^\circ\text{C}$ accuracy
<b>Humidity</b>	0 - 100% relative humidity with $\pm 3.5\%$ accuracy
<b>Carbon Dioxide (CO2)</b>	400 - 8192 ppm
<b>Atmospheric Pressure</b>	260 - 1260 hPa absolute pressure with $\pm 0.1\%$ accuracy
<b>Power Supply</b>	Rechargeable lithium polymer (Li-Po) battery (1440 mAh). Wireline power via USB.
<b>Environment</b>	Indoor
<b>Range</b>	100m line of sight
<b>Applications</b>	Indoor environmental monitoring for building management, food management, laboratories, and more.

# Omron 2JCIE-BL01 (Bag Shape)

## Technical Specifications

<b>Temperature</b>	-10 to 60°C with $\pm 2^{\circ}\text{C}$ accuracy
<b>Humidity</b>	0 - 100% relative humidity with $\pm 5\%$ accuracy
<b>Light</b>	10 - 2000 lux with $\pm 100$ lux accuracy
<b>UV Index</b>	0 - 11
<b>Atmospheric Pressure</b>	700 - 1100 hPa with $\pm 4$ hPa accuracy
<b>Power Supply</b>	3V CR 2032 coin cell battery
<b>Environment</b>	Indoor
<b>Range</b>	100m line of sight
<b>Applications</b>	Indoor environmental monitoring for building management, food management, laboratories, and more.

**Questions?**  
[support@temboo.com](mailto:support@temboo.com)

