

# SpotBot® BLE Data Sheet

## MEASUREMENT PARAMETERS



SHOCK



HUMIDITY



TEMPERATURE



TILT

## APPLICATION ADVANTAGES

- Creates transparency within the entire supply chain
- Simplified configuration and visualization via mobile application
- Battery with a long lifetime resulting in less handling effort



## OPERATING RANGE

<b>Operating Temperature Range</b>	-25°C to +80°C
<b>Storage Temperature Range</b>	0°C to +40°C
<b>Humidity Range</b>	0% rH to 100% rH (non condensing)
<b>Shock / Acceleration Range</b>	±8g per axis ±13.8g modulus (Reports modulus only)

## ACCURACY

<b>Temperature</b>	±0.5°C (0°C to +60°C) ±1°C (-25°C to +80°C)
<b>Humidity</b>	±5% rH typical ±10% rH maximum (20% rH to 80% rH at 25°C)
<b>Shock / Acceleration</b>	±10%

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## RESOLUTION

Temperature	0.5°C
Humidity	1% rH
Shock / Acceleration	0.1g

## COMMUNICATION

Bluetooth Low Energy Range	Up to 40 m (dependent on external influences)
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## USER INTERFACE

App	Free smartphone application for configuration and data analysis
Status LED	Indication of device status, battery level and communication

## DEVICE SPECIFICATIONS

Dimension (LxWxH)	101.8 mm x 91 mm x25 mm
Weight	100g
Power Supply	CR 123A Lithium Battery, 1400 mAh
Battery Lifetime	2 Years (10 min. measuring cycle, +25°C)
Enclosure Protection Class	IP 54
Electrical Protection Class	III
Measuring Interval	1 min to 4 hours (selectable)
Memory Capacity	2 Years (15 min. measuring cycle, typical usage)

## DIMENSIONAL DRAWING

