

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

Operating Temperature Range

-25°C to +80°C

Storage Temperature Range

0°C to +40°C

Humidity Range

0% rH to 100% rH (non condensing)

Shock / Acceleration Range

±8g per axis

±13.8g modulus

(Reports modulus only)

ACCURACY

Temperature

±0.5°C (0°C to +60°C)

±1°C (-25°C to +80°C)

Humidity

±5% rH typical

±10% rH maximum

(20% rH to 80% rH at 25°C)

Shock / Acceleration

±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)

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

