



# **SpotBot® BLE Data Sheet**

## **MEASUREMENT PARAMETERS**









SHOCK HU

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** 

**Storage Temperature Range** 

**Humidity Range** 

**Shock / Acceleration Range** 

-25°C to +80°C

0°C to +40°C

0% rH to 100% rH (non condensing)

±8g per axis

±13.8g modulus

(Reports modulus only)

# **ACCURACY**

**Temperature**  $\pm 0.5$ °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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# **SpotBot® BLE Data Sheet**

#### **RESOLUTION**

Temperature0.5°CHumidity1% rHShock / Acceleration0.1g

#### COMMUNICATION

**Bluetooth Low Energy** 

**Range** Up to 40 m (dependent on external influences)

## **USER INTERFACE**

AppFree smartphone application for configuration and data analysisStatus LEDIndication 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)

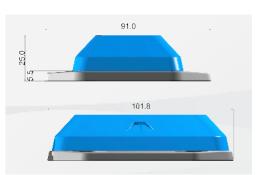
**Enclosure Protection Class**IP 54 **Electrical Protection Class**III

**Measuring Interval** 1 min to 4 hours (selectable)

**Memory Capacity** 2 Years (15 min. measuring cycle, typical usage

# **DIMENSIONAL DRAWING**





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