

*Wireless sensors*



**Blue COIN MAG**

Ref. IDF10243



**The new industry standard in the wireless Magnetic detection sensor's market!**

- Integrated magnetic sensor
- Very long range: up to **200 meters** (open field)
- High lifecycle: up to **2.5 years**
- Robust industrial casing - **IP68 waterproof**
- Integrated **NFC** chipset

**TECHNICAL SPECIFICATIONS**

<b>Operating modes</b>	<p><b>Advertising mode:</b> Periodic sensor data transmission</p> <p><b>Connected mode:</b> Datalogger transmission (record of saved sensor data)</p>
<b>Parameters and configuration</b>	<p>Interface/protocol NFC (Type 2)</p> <p>Configuration: Device Manager Suite / Mobile application (Windows / Android)</p> <ul style="list-style-type: none"> <li>• Activation / deactivation</li> <li>• BLE advertised name (15 characters max.) and transmit power</li> <li>• Transmission period (0,1 sec to 10 sec - configurable in seconds)</li> </ul>
<b>Sensor option / performances</b>	<p><b>Hall effect sensor range:</b> 2cm typ. (on the side of the "arrow" symbol)</p> <p><b>Magnetic event detector:</b> Immediate transmission upon change of sensor state</p> <p>Transmitted data:</p> <ul style="list-style-type: none"> <li>- <b>Magnetic event counter:</b> Total number of magnetic events detected (15 bits)</li> <li>- <b>Magnetic instantaneous state</b> (1 bit)</li> </ul>
<b>Frequency</b>	2.4 GHz – BLE channels
<b>Output power</b>	Up to +4 dBm
<b>Range</b>	Up to 200 meters open field (+4 dBm)
<b>Power supply</b>	3 VDC – Internal lithium battery
<b>Battery life</b>	<ul style="list-style-type: none"> <li>- <b>Up to 2.5 years *</b></li> <li>- Battery voltage reading command using <i>Connected mode</i></li> <li>- 15% remaining battery warning</li> </ul> <p><i>*For more detailed battery lifetime specification please refer to autonomy spec sheet</i></p>
<b>Operating temperature</b>	-30°C to +70°C
<b>Housing</b>	<p>Ø 36mm base - Thickness 10mm - 2 mounting Ø 3mm holes, spaced by 32mm</p> <p>IP68 Waterproof - Weight 11g</p> <p>DELTRIN (POM C) material – Food Grade (90/128/EEC)</p>
<b>Standards</b>	<p>CE (Europe): EN 300 328/EN 300 330, EN 301 489, EN 62311, EN 62368</p> <p>FCC (USA): FCC PART 15</p> <p>ISED (Canada): RSS-247/ICES-003</p> <p>RoHS certified</p>
<b>Accessories</b>	COIN <b>HOLDER STICKER</b> (ACIOM92B) / COIN HOLDER