

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>Battery power supply</b>	3 VDC - Lithium internal battery
<b>Frequency</b>	2,4 GHz - Bluetooth Low Energy 4.0/4.2
<b>Operating mode</b>	"Advertising" beacon mode: periodic data transmission (id + state sensor) Connected mode: download up to 4,000 stored values
<b>Power output</b>	Up to +4dBm (programmable)
<b>Transmission range</b>	Up to 200 meters (open field / + 4dBm)
<b>Transmission period</b>	0,1 to 10 second (programmable)
<b>Lifecycle</b>	2,5 years (Beacon rate = 10s with +4dB power)
<b>Radio frame format</b>	ID: 15 characters name Unique 48 bits MAC address Sensor: 15-bit counter & instantaneous state* on 1 bit (LSB) ID (ELA) compliant (* ) Immediate transmission upon change of state
<b>Settings &amp; configuration</b>	Interface/Protocol: NFC Type 2 <b>Device Manager</b> software or <b>Device Manager Mobile Android App</b>
<b>Magnetic range</b>	2cm typ (detection only on the side of the arrow symbol ↑ )
<b>Operating temperature</b>	-30°C to +70°C
<b>Battery level Management</b>	15% remaining battery warning
<b>Housing</b>	Ø 36mm base - Thickness 10mm 2 mounting Ø 3mm holes, spaced of 32mm IP68 Waterproof - Weight 11g DELTRIN (POM C) material – Food Grade (90/128/EEC)
<b>Standards</b> <small>(*) Certification in progress</small>	EC (Europe)*: EN 300 328/ EN 301 489 & EN 55032 / EN 62368-1 FCC (USA)*: FCC 15.247 / FCC PT 15B ISED/IC (Canada)*: RSS-247 / ICES-003 RoHS certified
<b>Accessory</b>	COIN HOLDER STICKER (ACIOM92B)

