SENSE M 4201

BLE Magnetic Contact Sensor

Small puck-sized magnetic contact sensor with BLE connectivity for detecting open/close events. Features Hall effect sensor technology, immediate state change transmission, and extended battery life. Ideal for door, gate, and container monitoring.

- Bluetooth Low Energy
- Up to 7 years battery life
- IP68 rated

Ø 57mm × 20mm (2¼ in × $^{25}/_{32}$ in)
41g (1.45 oz) sensor + 35g (1.2 oz) magnet

Magnetic Detection

Sensor Type
Hall effect sensor

Detection Range
2cm typical (on arrow symbol side)

Response Time
Immediate transmission upon state change

Connectivity

Technology
Bluetooth Low Energy (BLE)

Transmission Range
Up to 60 meters (65 yards)

Advertisement Period
2 seconds at +4dBm

Physical Characteristics - Sensor

Dimensions
Ø 57mm × 20mm (2¼ in × $^{25}/_{32}$ in)

Weight
41 grams (1.45 oz)

Casing Material
DELRIN (POM C) - Food Grade (90/128/EEC)

IP Rating
IP68

Operating Temperature
-40°C to +85°C

Physical Characteristics - Magnet

Dimensions
Ø 32mm × 7mm

Weight
35 grams (1.2 oz)

Power

Battery Type
Non-replaceable internal lithium battery (3 VDC)

Battery Life
Up to 7 years (depending on transmission power)

Mounting Options

Recommended Methods
- Polyurethane glue
- Double-sided tape
- Bolts (M6)
- Screws
- Sensor mounting holder (MNT ELA 8140)

Certifications

Europe
- EN 300 328
- EN 301 489
- EN 55032
- EN 62368-1
- CE marked

USA
- FCC 15.247
- FCC PT 15B

Canada
- ISED RSS-247
- ICES-003

Environmental
RoHS compliant