



ELA BLUE PUCK MAG Magnetic Sensor

The **ELA BLUE PUCK MAG Magnetic Sensor** is a wireless sensor for magnetic detection. It detects opening and closing magnetic contact in areas where dust-tight, water-proof, or wireless long-range solutions are required. The sensor collects the data and sends it to a tracking device via Bluetooth. This sensor comes in a complete with a magnet.

Applications

- Detection of trailer door closing/opening

Key Features

- Water-proof
- Dust-tight
- High lifetime

Compatibility

5th Gen



Trace5



HCV5



LCV5



Pro5

Detailed specifications

Environmental specifications

Operating temperature	-40 °C to +85 °C
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Sensor ratings

Detection range	2 cm
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Bluetooth specifications

Signal transmission frequency	2.4 GHz
Protocol standard	Bluetooth Low Energy 4.0/4.2
Operating mode	Advertising beacon mode: periodic data transmission
Output power	+4 dBm (adjustable)
Transmission distance	500 m (open field only, depends on output power)
Transmission period	0.1 to 10 s (adjustable)

Certifications

Europe	CE: EN 300 328, EN 301 489 & EN 55032, EN 62368-1
USA	FCC: FCC PART 15
Canada	ISED: RSS-247, ICES-003
RoHS	Yes

Physical properties

Sensor dimensions	ø 57 mm base, 20 mm housing thickness
Net weight	41 g
Housing	IP68 Waterproof

Battery specifications

Battery power supply	Lithium internal battery, 3 V DC (not replaceable)
Battery life	Estimated 10 years with recommended configuration

Ordering information

BLUE_PUCK_MAG	ELA BLUE PUCK MAG Magnetic Sensor
X01068	Magnet
X00976	Holder Sticker

Contact information:

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