

Wireless RFID sensors

COIN MAG

Ref. IDF1064



The Wireless RFID solution to detect any loss of magnetic contact for indoor and outdoor applications

- ⑥ Internal magnetic sensor
- ⑥ High receiving range: up **80 meters** (open field)
- ⑥ Lifecycle: **up to 5 years** (depending on the defined cycle of ID's emission)
- ⑥ **IP68 Waterproof**
- ⑥ Compact anti-hanging shape

TECHNICAL SPECIFICATIONS

Battery power supply	3.6 VDC – CR2032 Internal battery
Frequency	433.92 MHz
Operating temperature	-30°C to +70°C
Identifier settings	ID Code on 12-bit + 12-bit for state change
Digital Operating Mode	Immediate transmission of the frame on magnet detection: ID + 12-bit detection information [cccc cccx f] c: 10-bit counter increments each time x: 1-bit not used f: 1-bit of information detection magnet f= 1 magnet detected f= 0 magnet not detected Added user-programmable periodic transmission frame (keep alive feature)
Magnetic switching detection	10-13mm edge to edge
Hysteresis	Around 9mm
Settings & configuration	By SCIEL PROG IR tool and ERW software
Battery level management	Specific code sent at the end of the battery's life: XXX7FF (XXX: ID code)
Housing	Size: Ø 36mm base- thickness 10mm Weight: 11g Material: Delrin Mounting: Ø 3mm 2 holes, spaced of 32mm

STANDARDS

EN 301 489 – 3: 2002 V1.4.1	CE 0536, FCC part 15
EN 300 220 – 2007: V2.1.2	FCC ID: RVVCOIN10XX
RoHS Certified	IC: 20429-COIN10XX

ATEX* version
COIN MAG Ex
Ref. IDF1040



STANDARDS

EN 301 489 – 3: 2002 V1.4.1	CE 0536, FCC part 15
EN 300 220 – 2007: V2.1.2	FCC ID: RVVCOIN10XX
EN 60079-0:2012 + A11:2013	IC: 20429-COIN10XX
EN 60079-11:2012	LCIE 16 ATEX 3033 X
RoHS Certified	

MARKING

ELA Innovation
Address: 297 rue Maurice BÉjart – 34080 Montpellier
Type/model: COIN MAG
CE 0536
Ex ia IIA T6 Ga
FCC ID: RVVCOIN10XX
IC: 20429-COIN10XX
LCIE 16 ATEX 3033 X

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

*In case of casing damages (cracks, breakages, etc.) replace the device.