COIN MAG

Ref. IDF1064

- **The Wireless RFID solution to detect any loss of magnetic contact for indoor and outdoor applications**
- **Internal magnetic sensor**
- **High receiving range: up to 80m (open field)**
- **Autonomy: 2 to 5 years (depending on the defined cycle of ID's emission)**
- **IP68 Waterproof**
- **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 cccc ccxf] 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: XXXFFF (XXX: ID code)
Housing	Size: ∅ 36mm base – thickness 10mm Weight: 11g Material: Delrin Mounting: ∅ 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

CE FC IC Ex II_1_G

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

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

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.

CE FC IC Ex II_1_G