

Wireless RFID sensors

COIN T
Ref. IDF1044



- 👁️ Internal **temperature** sensor
- 👁️ User-definable Tag's Identifier (RW)
- 👁️ High receiving range: up **80 meters** (open field)
- 👁️ Lifecycle: up to **10 years** (according to settings)
- 👁️ **IP68 Waterproof**
- 👁️ Compact anti-hanging shape

TECHNICAL SPECIFICATIONS

Battery power supply	3 VDC – CR2032 Internal battery
Frequency	433.92 MHz
Operating temperature	-30°C to +70°C
Resolution	0.0625°C
Typical Accuracy out of calibration	+/- 0,5°C over the range - 25°C to +70°C
Typical Accuracy out of calibration	+/- 1°C over the range - 30°C to +70°C
Duty cycle	From 1.3s to 12hours by programming
ID code & temperature data format	Transmitted code = XXXYYY xxx: Identifier code from 800 to FFF (hexa) yyy: Temperature code (hexa) 3C0= 60°C 000= 0°C E70=-25°C
Settings & configuration	By SCIEL PROG IR tool and ERW software
Reader's compatibility	SCIEL READER Family
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 T Ex
Ref. IDF1037



- 👁 Used in areas where **explosion hazard** is permanently present: **zone 0 certified**
- 👁 **Temperature class T6: 85°C**

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 T	
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.