

Wireless RFID Sensor

COIN T

Ref. IDF1044

Wireless Temperature Sensor

- 👁 User-definable Tag's Identifier (RW)
- 👁 High Range : 40 to 80 meters (open field)
- 👁 Internal Temperature Sensor
- 👁 Autonomy : up to 10 years (according to settings)
- 👁 IP68 Waterproof
- 👁 Compact anti-hanging shape



Technical Specifications	
Battery Power Supply	3 VDC - CR2032 Battery Model
Frequency	433.92 MHz +/- 75Khz
Resolution	0.0625 °C
Typical Accuracy out of calibration	+/- 0,5 °C over the range 0 °C to +60 °C
Typical Accuracy out of calibration	+/- 1 °C over the range - 30 °C to +70 °C
Operating Temperature	-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 configuration software
Reader's Compatibility	SCIEL Reader Family
Battery Level Management	ID code for Low level of Battery (configurable) in alternated emission with the Tag's ID code. Ex : XXX 7FF where xxx stands for the Tag's ID code and 7FF the ID code for the low level of battery
Housing	Ø 36mm - Thickness 10mm - IP 68 Waterproof - DELRIN - 2 mounting holes : Ø 3mm, space of 32mm - weight 11gr
Standards	EN 301 489 - 3 : 2002 V1.4.1 ; EN 300 220 - 2007 : V2.1.2 ; CE Mark ; RoHS Certified