

## COIN T

### Active RFID Temperature Sensor



#### BENEFITS

- High transmission range
- Autonomy : Up to 10 years
- Waterproof (IP68)



## TECHNICAL SPECIFICATIONS

### OPERATING MODE

<b>Frequency Range</b>	433.92 MHz Up to 60 meters open field
<b>Transmission period</b>	From 220 ms to 12 h configurable
<b>Radio frame format</b>	12b ID+12b T°C (24 bits)* 20b ID+12b T°C (32 bits)* <i>*Refer to the frames specifications for more information</i>
<b>Settings and configuration</b>	By tool SCIEL PROG IR and software ERW
<b>Sensors performance</b>	<b>Domain</b> : - 30 to +70 °C <b>Resolution</b> : 0,0625 °C <b>Precision</b> : ± 0.5°C maximum (-25°C to +70 °C) ± 1°C maximum (-30°C to +70°C) <b>Calibration</b> : Configurable 3-point calibration coefficients (Polynomial 2)

### BATTERY

<b>Power supply</b>	3 VDC – Internal Battery CR2032
<b>Battery life</b>	Up to 10 ans* <i>* Refer to the battery life curves for more information</i>
<b>Battery level</b>	Specific code sent at the end of the battery's life: XXX7FF (XXX: ID code)

## CERTIFICATIONS

<b>Europe</b>	EN 300 220 – 2007 : V2.1.2/ EN 301 489 – 3 : 2002 V1.4.1
<b>USA</b>	FCC PART 15 / FCC ID : RVVCOIN10XX
<b>Canada</b>	ISED : RSS-210 / IC ID: 20429 – COIN10XX
<b>RoHs</b>	Yes

## HOUSING

<b>Dimensions</b>	Ø 36mm base – Height : 11,50 mm
<b>Weight</b>	13g
<b>Materials</b>	DELRIN (POM C) Compatible with food products (90/128/EEC)
<b>Waterproof grade</b>	IP 68
<b>Operating temperature</b>	-30°C to +70°C

## ACCESSORIES

<b>Tag support and double-sided</b>	COIN HOLDER STICKER (ACIOM92C)
<b>Tag support only</b>	COIN HOLDER (ACIOM91)
<b>Double-sided adhesive only</b>	COIN STICKER (ACIOM187)

## MECHANICAL DRAWINGS

