Wireless *RFID* sensors

COIN *LUX*
Ref. IDF1075

- 👁 **Internal brightness sensor**
- 👁 High transmission range: **80 meters** (open field)
- 👁 High lifecycle: up to **10 years**
- 👁 Compact anti-hanging shape robust industrial case - **IP68** Waterproof

TECHNICAL SPECIFICATIONS

Battery power supply	3 VDC − CR2032 Internal battery
Frequency	433.92 MHz
Resolution	0.01 lux
Spectral scale	From 400nm to 700nm
Measurement range	From 0.01lux to 83558lux
Emission settings	24 bits: XXXYZZ (hexa) 32 bits: XXXXYZZ (hexa) XXX: ID code from 400 to 4FF (24 bits) or 4000 to 4FFF (32 bits) Y: exponent result's (EXP) ZZ: mantissa result's (MAN) $L = [MAN] \times 0.16 \times (2^{[EXP]})$
Reader's compatibility	SCIEL Reader family
Settings & configuration	By SCIEL PROG IR tool and ERW configuration software
Max. transmission range	80m (open field under test conditions)
Maximum lifecycle	10 years (with transmission rate @10 seconds)
ID transmission cycle	From 1.1ms up to 10 hours by programming
Operating temperature	-30°C to +70°C
Waterproofness	IP68
Battery level management	Specific ID code for low level of battery: ID+FFF (hexa)
Housing	∅ 36mm base - Thickness 10mm Weight 11g DELRIN (POM C) material − Food Grade (90/128/EEC) 2 mounting ∅ 3mm holes, spaced of 32mm
Standards	EN 301 489 − 3: 2013 V1.6.1; EN 300 220 − 2012: V2.4.1; EC; RoHS
Accessory	COIN HOLDER STICKER (ACIOM92B)

*COIN **LUX** with its **COIN HOLDER STICKER***