

Magnetic Contact, Cabinet control Sensor 868MHz/915MHz Connectivity Solution for IoT



CM868LRCB - CMUS915LRCB

General Description

CM868LRCB and CMUS915LRCB are magnetic contact sensors available to detect opening or closure of Street cabinets. The radio transmission is based on the new disruptive LoRa[™] long range technology at 868MHz and 915MHz. Sensor is equiped with BLE for verify operator autentication using Phone Emei and user PIN. Low battery consumption.



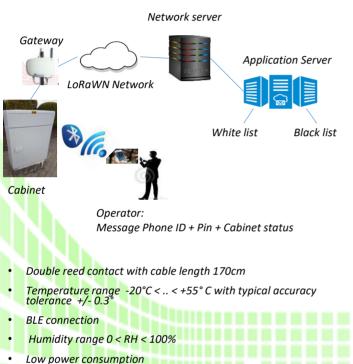




Frequency

RF power

Technical Features

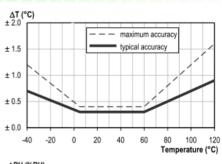


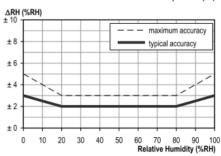
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nnection
ity range 0 < RH < 100%
wer consumption

Modulation	LoRa™
Network Protocol	LoRaWAN v1.0.2
RX sensitivity	-138dBm
Battery	3.6V lithium-thionyl chloride (Li-SOCl 2)
Temperature range	-20°< T < +55°C
Antenna	Helical antenna
Power supply	Min 2,6V / Max 3,6V Typ.3,0V
Consumption standb	5 uA
Dimension	150 x 55 x 45 mm
Reference standards	EN 301 489-3 EN 300 220-1 EN 60950

868MHz – 915MHz

14dBm EIRP





- Inertial sensor inclued
- LoRa[™] long range 868MHz and 915MHz radio module
- LoRAWAN v1.0.2 class A compliant
- Programmable Alive signal
- Easy wake up system
- One or two T and RH thresholds programmable from remote.
- 1pz Size C 5600mA lithium-thionyl
- Alive messages
- Easy Installation
- IP68
- APP for operator identification included



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