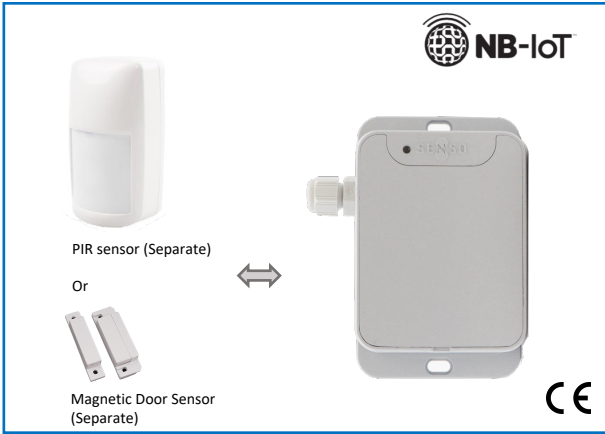


## BATTERY POWERED WIRELESS IOT SOLUTIONS MONITOR PREMISES AND ASSETS 24/7

### SEN20600 series NB-IOT OPEN/CLOSE and WET CONTACT SENSOR



#### Product Features

- SEN20600 NB-IoT Open/Close Sensor provides a simply efficient solution for monitoring door security, motion detection or logic ("0" and "1") changes.
- Detect Open/Close, report status change.
- Support LTE Cat NB1
- Up to 3 years battery lifetime
- Easy installation without any complex and pricey set up cost
- Support open API
- Application: Commercial Buildings, Hotel, Hospital, Factory

#### Performance Characteristics

Power	1 x 3.6V C Size Battery
Stand-by Current	<30uA @3.6V
Open/Close (Dry Contact) interface	Logic input "0": Open Logic input "1": Close to GND
Wet Contact Interface	Logic input "0": 0-0.8V Logic input "1": 4.5V - 30V
Data Upload Interval	Default every hour (configurable)
Alert Conditions	Yes when change of status detected, message to server
Battery Lifetime	Up to 3 years*

\* Conditions: upload data once per hour

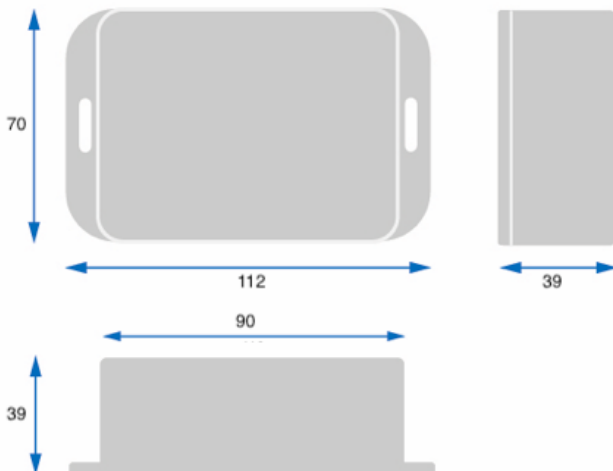
#### Wireless Characteristics

Wireless Connectivity	LTE Cat NB1 (NB-IoT)
NB-IoT Protocol	3GPP Release 13
Operating Band	1, 3, 5, 8, 20
Uplink Rate	16.7kbps (Single Tone), 62.5kbps (Multi-Tone)
Downlink Rate	25.5kbps (Single Tone), 25.5kbps (Multi-Tone)
Transmit Power	23 dBm +/- 2dB
Sensitivity	-116 dBm
Antenna Type	Build-in Antenna (External Antenna – Optional)

## Physical Characteristics

Dimension	L 112mm x W 70mm x H 39mm
Weight	116g
Operating Temperature	-20 to 70°C
Storage Temperature	-20 to 80°C
Storage Humidity Range	<95% RH
Ingress Protection	IP65
Warranty Period	1 Year

## Mechanical Dimension



## Ordering partnumber

SENSO8 NB-IoT Dry Contact sensor	SEN20600-0000
SENSO8 NB-IoT Open/Close sensor (with a pair of door magnetic sensor)	SEN20600-DRMT
SENSO8 NB-IoT Wet Contact sensor	SEN20600-WTCT