

BATTERY POWERED WIRELESS IoT SOLUTIONS MONITOR PREMISES AND ASSETS 24/7

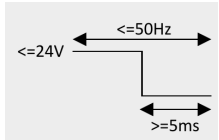
SEN22600 Series LTE Cat-1 Open/Close/Pulse Sensor



Product Features

- SEN22600 LTE Cat-1 Open/Close/Pulse Sensor provides a simple and efficient solution for monitoring door security, motion detection or logic ("0" and "1") changes, pulse count interface.
- Detects Open/Close, reports status change.
- Detects pulses, reports count value.
- Supports MQTT v3.1.1 protocol.
- Supports primary and secondary MQTT connection.
- Supports FOTA.
- >12 years battery life.
- Application: Commercial Buildings, Hotel, Hospital, Water Meter.

Performance Characteristics

Power	8500mAh Lithium Thionyl Chloride (Li-SOCl ₂) battery
Open/Close (Dry Contact) Interface	Logic input "0": Open Logic input "1": Close to GND
Pulse Count Interface	Count range: 0 – 999,999,999 roll over to 0, max. count is configurable Max frequency: 50Hz Min pulse width: 5ms 
Data Upload Interval	1 hour to 60 days (default: 24 hours)
Alert Conditions	Yes, when change of status detected, message to server
Battery Life	>12 years at 24-hours upload interval >2 years at 4-hours upload interval

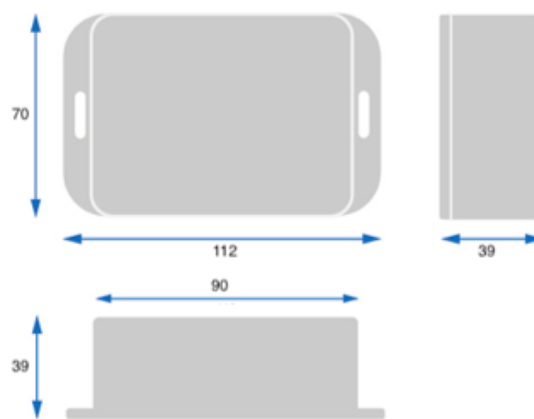
Wireless Characteristics

Wireless Connectivity	LTE Cat-1
LTE Cat-1 Protocol	3GPP Release 14
Operating Band	1, 3, 7, 8, 28
Uplink Rate	5 Mbps (LTE-FDD)
Downlink Rate	10 Mbps (LTE-FDD)
Transmit Power	23 dBm +/- 2dB
SIM Card	nano SIM (4FF)
Antenna Type	Built-in Antenna

Physical Characteristics

Dimensions	L 112mm x W 70mm x H 39mm
Weight	116g
Operating Temperature	-20 to 70°C
Storage Temperature	-20 to 80°C
Storage Humidity	< 95% RH
Ingress Protection	IP67
Warranty Period	1 Year

Mechanical Dimensions



Ordering Information

SEN8 LTE Cat-1 Dry Contact/Pulse Count Sensor	SEN22600-0000-0000
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