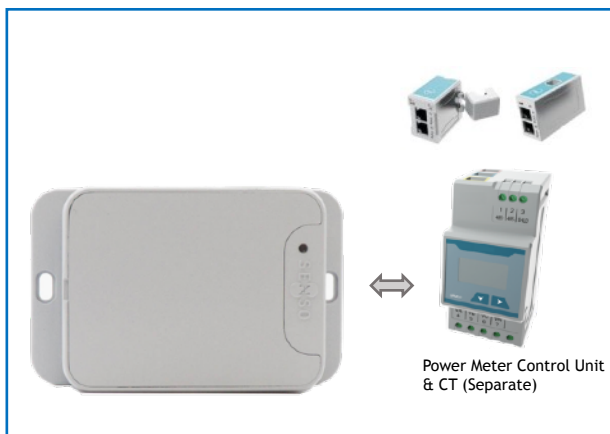




WIRELESS IOT SOLUTIONS

MONITOR PREMISES AND ASSETS 24/7

SEN2040x series NB-IOT POWER MONITORING SENSOR



Product Features

- SEN2040x NB-IoT Power Monitoring Device provides a simply efficient solution for monitoring power system.
- Robust RS485 interface, connect to industrial power meter control units.
- One power meter control unit support up to 30 channels
- Support LTE Cat NB1
- Easy installation without any complex and pricey set up cost
- Support open API
- Application: Commercial building, Residential Building, Hotel, Reconstruction Projects

Performance Characteristics

Input Power	5 - 12VDC, 1A
Stand-by Current	<50uA @3.6V
Interface to Power Meter	RS485, Modbus protocol
Alert Notification	Over Voltage*, Under Voltage*, Over Current* and Communication Error
Data Upload Interval	Every 15 minutes (configurable)

* Conditions configurable

Wireless Characteristics

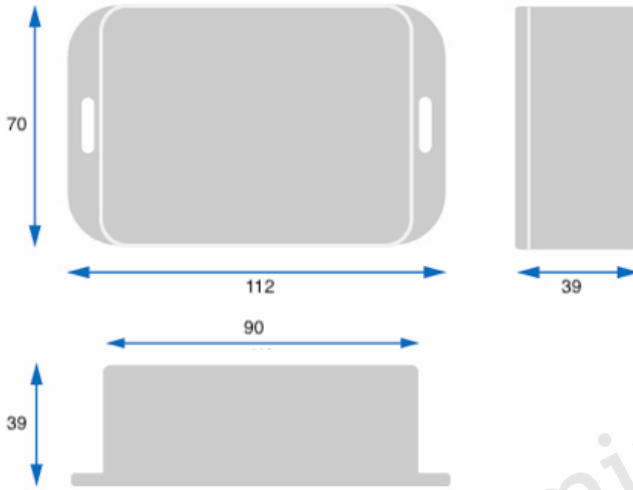
Wireless Connectivity	LTE Cat NB1 (NB-IoT)
NB-IoT Protocol	3GPP Release 13
Operating Band	1, 3, 5, 8, 20
Uplink Rate	16.7Kbps (Single Tone), 62.5Kbps (Multi-Tone)
Downlink Rate	25.5Kbps (Single Tone), 25.5Kbps (Multi-Tone)
Transmit Power	23 dBm +/- 2dB
Sensitivity	-116 dBm
Antenna Type	Build-in Antenna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



Mechanical Dimension:



Ordering partnumber:

SENSO8 NB-IoT Power Meter Sensor	SEN20401-0000
SENSO8 NB-IoT Power Meter Sensor with control unit# and split type CT#	SEN20401-PSP1
SENSO8 NB-IoT Power Meter Sensor with control unit# and solid type CT#	SEN20401-PSO1

#Please refer to power meter control unit specification and CT specification