

European 868MHz sensors

Pulse S0 Sensor Atex Zone2, cable 0,5 meter

Ex II3 G Ex ic IIB T6 Gc

Delivered with replaceable battery

Code 50-70-001

Usages :

- Metering of pulses generated by any pulse meter, i.e gas, water, electricity, energy in technical indoor column
- Or state report NO/NC



Indoor THr harvesting Sensor

Delivered with replaceable battery

Code 50-70-007

Usages :

- Measures and transmits temperature & humidity
- Indication of brightness

Indoor THr Sensor

Code 50-70-053

Usages :

- Measures temperature and humidity
- Pullout detection



Indoor temperature Sensor

Code 50-70-085

Usages :

- Measures temperature
- Pullout detection

Temperature & Humidity Sensor Outdoor

Code 50-70-xxx

Usage :

- Measures and transmits outdoor temperature & humidity



Self-Powered TIC Sensor

Self-Powered

Code 50-70-008

Usage :

- Radio transmitting the customer tele-information (TIC) from residential electric meters (consumption, price, power and contract details, ...)

TIC Sensor + 2SO

230Volts 50Hz

Remote antenna

Code 50-70-002

Usage :

- Same as above plus : Metering of pulses from 2 electrical lines generated by any meters - for example hot/cold water



TIC Sensor + 2SO + 2 Toroids

230Volts 50Hz

2 open toroids 0 to 80 Amp, Remote antenna

Code 50-70-038

Usage :

- Same as above plus : Electrical metering from 2 electrical lines generated by any type of meter, electromechanical, CBE, secondary meter

FLASH'O with remote sensor 0.5m cable

On board antenna

Code 50-70-071

Usage :

- Metering of flashes generated by the light of electricity meter



Electrical meter PME PMI sensor

230Volts 50Hz or tension 3,6 to 24Vcc (batteries pack in option)

Cable meter RJ45 ; remote antenna

Code 50-70-045

Usages :

- Decoding of the flow of information coming from the ICTS connection (Information and Communication Technologies) (RS232) coming from a meter PMEs/PMIs (tertiary sector / Industry)
- Selection of the useful fields for consultation by « Request/Response » or by « notifications » (report notion) per time frame and/or per variations

Option Pack of alkaline batteries

6Volts 18Ah ref. CE1501 Cell Expert

Code 21-08-038

Usage :

- Gives the sensor PME PMI autonomy



Smart Plug

230Volts 50Hz

Code 50-70-003

Usages :

- Measures energy consumption of an equipment (fridge, coffee machine ...)
- Remote control of equipment

IN'O Sensor

10 inputs S0 4 outputs Opto
Code 50-70-016

Usages :

- Remote monitoring (until 10 states reports)
- Action on 4 outputs (for example coil of meter)



IN'O Sensor outdoor protected Class C LoRaWAN

10 inputs S0 4 outputs Opto
Code 50-70-087

Usages :

- Same as IN'O Class A
- Continuous surveillance of the network with almost live transmission of outputs states
- External electrical connexion from 7 to 15 Volts is necessary



PRESS'O Sensor

1 input 0-10V or 4-20mA
Code 50-70-017

Usage :

- Liquid level monitoring (water, oil), container filling (waste, clothes...) from a remote sensor with analog output (piezometer, ultrasound)



ModBus RS485 Sensor

Management of all the variables (reading and writing) of a ModBus (or JBus)
Code 50-70-080

Usages :

- Data collection from ModBus equipments
- Behavior change of ModBus equipments by writing in their register



Water meter SENS'O

IP68 Remote reading ARAD

Code 50-70-011

Usage :

- Transmitting date index from water meter; specific to ARAD Gladiator meterty



Pulse SENS'O, Outdoor

Remote reading 3 S0

On board antenna

Code 50-70-014

Usages :

- Metering pulses generated by an outdoor water meter; un submersible
- Or state report NO/NC

Pulse SENS'O, Outdoor AteX Zone 2

AtEx II 3 G Ex ic IIB T3 Gc

Remote reading 3 S0

On board antenna

Code 50-70-072

Usage :

- Same as above but also usable in area with risk of flammable gas



Pulse SENS'O, Waterproof

IP68 48 hours submersible under one meter of water

Remote reading 3 S0 ,1,5m cable

On board antenna

Code 50-70-039

Usage :

- Same as 50-70-014 but waterproof ; connection away from submersible area

Pulse SENS'O, Waterproof AtEx zone 2

AtEx II 3 G Ex ic IIB T3 Gc

IP68 48 hours submersible under one meter of water

Remote reading 3 S0 ,1,5m cable

On board antenna

Code 50-70-051

Usage :

- Same as above but also usable in area with risk of flammable gas



Outdoor Remote Temperature sensor Probe with 5m cable with Metal tip

range - 40°C + 90°C ;

precision -/+ 1°C range - 30°C à +60°C

Code 50-70-043

Usages :

- Transmitting over long range temperature measurements (for example cold chain, refrigerated tower)
- Alarm occurs in case of over-threshold



Smart Pilot Wire

6 operating mode : electric heater ; water heater

Code 50 70 027

Usage :

- Remote operating mode day / night / anti-freeze...
- Erasing



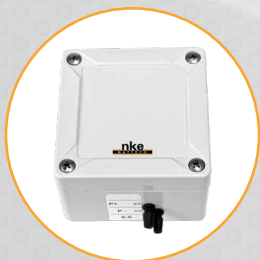
Ventilation Sensor

Range 0 to 10kPa ; resolution 15 Pa

Code 50-70-064

Usage :

- Measuring and transmitting air depression in buildings ventilation chambers



M2M gateway, Hub'O multiprotocol

Remote antenna LoRaWAN and GPRS

230 Volts 50Hz or 7-17 Volts

Backup battery to end current session

Code 50-70-xxx

Usages :

- LAN connection : LoRaWAN on Semtech SX1272
- RS785 ModBus connection (optional)
- WAN connection : 2G/3G (SIM card not supplied) or Ethernet
- On board LoRaWAN server
- On board calendar clock
- Until 100 sensors addressable



Dongle USB server

On board patch antenna

Code 50 70 041

Usage :

- Turn Linux, WinCE, Windows environment into LoRaWAN server; until 50 sensors addressable

MARCOM SRL
Via Mezzacampagna 52 (int 29)
Verona
<https://shop.marcomweb.it>
info@marcomweb.it