

## **OKO X373**

WYKON

TECHNICZNE KONCEPCJA PROJEKT

WYKONAWSTWO WDROŻENIE WSPARCIE

TECHNICZNE KONCEPCJA PROJEKT

WDROŻENIE

WYKONAWSTW0

PROJEKT

KONCEPCJA

W SPARCIE

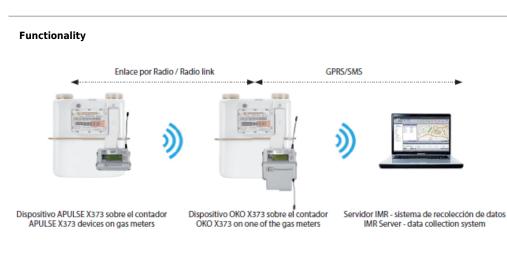
NAWSTWO WDROŻENIE

# GAS METER DATA LOGGER WITH RADIO CONCENTRATION

OKO X373 is a universal data logger, that can be easily installed on existing diaphragm meters. It combines radio clustered networks with GPRS/SMS gateways to establish fully automatic readout collection to back office server. It is a perfect solution for high rise buildings.

IMR Smart Gas Metering system AIUT consists of communication equipment, data loggers, sensors as well as back office software package for data acquisition, analytics and presentation.

## Description



#### Advantages:

- GPRS/SMS and Radio concentrator
- Hourly consumption registered for 10 years
- Built-in pulse sensor
- Long life battery (3 years)
- Robust, suitable for outdoor environment
- Easy to set up & retrofittable on existing meters
- Zone 0 ATEX approved

## Features/Technical specification

#### Own data structures as well as for all supported APULSEs

- Configurable logging interval of 60 minutes or 24 hours,
- Daily data (current state, daily statistics, daily data archive),
- Summary reports with hourly and daily consumption profile,
- Tamper detection: device removal, external magnet.





CERTIFICATIONS







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#### Communication

- GPRS/SMS communication with backoffice server,
- License free radio communication RF: 867-869 MHz (by default) or 169 MHz, 433 MHz, 915 MHz (on request),
- Daily readouts, data archive, alarms, configuration,
- Over the air firmware upgrade,
- Opto Port for easy diagnostics.

#### User friendly interface

• Graphic orientated display for current readout presentation, extensive diagnostics and easy installation process.

#### Environment

- Robust design, secured with seals,
- Suitable for outdoor environment,
- Operational temperature -20°C to +55°C,
- Ingress protection IP56.

#### Compliance

- ATEX certification (Zone 0 gas group B),
- IECEx,
- LVD,
- RTTE,
- EMC.

### Management system

- Backoffice server with database for readouts, configuration and devices,
- Communication management and different protocols support for system with thousands of devices,
- Browse current and historical data on the web, get email summary reports,
- Manage installation process, supervise and maintain high system performance.

## Montage





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