

DIWICON-G

One of several modules in the DIWICON technology family, providing a complete vertical range of products for mission critical industries.



DIWICON-G
Gas Industry Solution for Distribution
Network Supervision and
Data Management

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DIWICON-G

DIWICON-G PRODUCTS



DW 628 GEx

Explosion-proof field controller

The device for the supervision of gas transfer stations. The controller collects measurements and signals from gas industry flow computers and forwards them with redundant GPRS communication to a central server.



DW 297 G

Industrial intelligent redundant communication field unit

Field controller for polling gas energy industrial flow computers on the RS 232 port and redundant data forwarding over GPRS.



DW 9000

The DIWICON core server

The DIWICON central cluster server provides industrial-grade SLA and can easily manage the data received from up to 5000 DIWICON devices.



DW 85 GEx

Explosion-proof gas detector

Offers technical safety protection at industrial facilities, pharmaceutical plants, and oil and gas industry sites. It was designed for use in explosion hazard zones. The sensor is equipped with a voltage output and is optimized to detect gas in closed areas.



DW 115 GEx family

Micro consumption explosion-proof pressure transmitter family

Ultra fast, micro consumption, pressure transmitter family for pressure ranges from 30 mBar to 200 Bar. Absolute and relative transmitters are available.



DW 9200 & DW 9300

The DIWICON core software

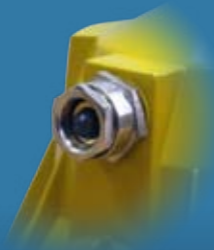
With SQL databases and XML based data exchange, the DIWICON core software provides the flexibility of real-time, web-based, online control and easy integration with common ERP applications.



DW 61 GEx

Magnetic position sensor

Designed to be widely applied wherever shifting or movement from a fixed position must be detected.



DW 71 GEx

Explosion-proof motion detector

The device for the safety and protection of gas transfer stations. The device is infrared based for use at night and has an extremely large field of view.



DW 140-36 PSEx

Intrinsically safe design power supply unit

The intrinsically safe power sources are used to power battery operated industrial field controllers. Due to their high capacity, the units can offer a lifetime of up to several years, depending on application.

OVERVIEW

DIWICON-G is one of several advanced solutions which make up the DIWICON family of modules created especially for the specific requirements of wide area industrial systems. DIWICON is unique due to the cost-effective and reliable use of industrial wireless WANs (iWWANs).

DIWICON eliminates the need for costly, sometimes impossible, wired industrial communication networks and impractical power lines between remote field equipment and the central application server.

DIWICON was among the world's first systems to take real-time GPRS wireless data transfer and enhance it with the reliability, security, and flexibility required by industrial customers.

The modular structure, standard interfaces, and web-centric design

make DIWICON easy to integrate with any other leading ERP component or system such as SAP and Oracle.

All of DIWICON's modules, devices, and transmitters are designed and built to seamlessly integrate with each other.

Whether implemented individually or collectively, DIWICON modules and products have a huge and immediate potential to bring lower costs and higher efficiency to gas distribution, electrical energy distribution, fluid pipeline management, leak detection, industrial security, mobile workforce management, and industrial information systems.

DIWICON-G is a certified fully explosion-proof range of industrial gas equipment systems.



Cost-effective

DIWICON-G field devices employ intelligent and wireless data management communication. This reduces operational costs.

Secure

Risk to the environment is reduced due to the efficiency of the system's security. DIWICON-G uses real-time GPRS communication.

Reliable

DIWICON-G field devices can make use of two GSM service providers at once for the back-up redundancy required by mission critical applications.

FIELD DEVICES

Having the entire software solution based on the server means that no software installation or extra license fees are necessary to use the system from different machines.

The use of APN (access point name) domains for connection to wireless communication service providers offers two layer security for data management.

DIWICON redundant cluster architecture servers provide some of the most reliable and secure data handling in the telematics field for industrial grade reliability.

CORE SERVER

The DIWICON-G system is accessed directly through your browser. This allows the use of any existing office workstation with an Internet connection so you do not have to invest in new equipment.

The web-based interface allows authorized users to control the system. The rights of users can be determined by the system operator.

DIWICON-G uses proven industrial and internet standards and protocols. Real-time communication ensures round the clock access to the web-based interface.

USER INTER-