

Gas Detection System

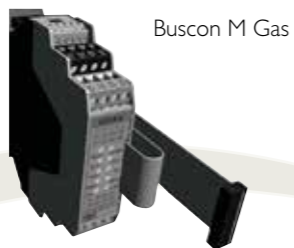
for reliable Gas Detection

System design

Different types of modules can be connected to the central unit thereby customizing the system for the actual need.

Buscon M Gas

BusCon M Gas connects the control panel to the back bone bus and provides connection terminals for functions from the control panel.



Buscon M Gas

Analogue M 4-20

The Analogue M 4-20 is a transmitter module for a gas alarm system. This module provides four transmitter interfaces (4-20mA inputs). Any kind of 4-20mA detector can be connected to the module.



Analogue M 4-20

Power Boost M

The Power Boost M module is designed to distribute power and supervise connections in a gas alarm system. The module can supply power through a Power Boost Loop, which is secured against interruption and short circuit.



Power Boost M

Relay M 8

Relay M8 provides eight programmable relay contacts. Each of these relay contacts provide a potential free change over contact. Use Relay M 8 to control units as sirens, magnets, flashlight, alarms and ventilation fans.



Relay M 8

Bus Isolator M

Bus Isolator M divides the system backbone bus into segments. Its dual functionality isolates communication and basic backup signals between stretched system parts and provides power to the control panel.



Bus Isolator M

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CN System Offices

For specific inquiries about our products, services or company, please contact the office nearest you.

SWEDEN

CN System AB
Phone: +46 31 28 59 40
Email sales: sales@cnsystem.se
Email service: service@cnsystem.se

NORWAY

CN System Norway AS
Phone: +47 22 30 10 00
Email sales: sales@cnsystem.no
Email service: service@cnsystem.no

www.cnsystem.se

Tryck: www.justnuse 2012

Gas Detection System **TERRA Gas** for reliable Gas Detection

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Gas Detection System TERRA Gas

for reliable Gas Detection

Efficient gas alarm systems are of vital importance for the protection of lives and assets. To meet these demands CN System offers state of the art gas detection systems developed to reach the highest flexibility possible in respect to detection, control and communication.

The gas detection system is developed to meet today's but also the future demand on a gas detection system.

Flexibility

Modularity allows you to easily meet future demands. Simply upgrade, add or replace modules and sensors to achieve the system functionality you require.

Maximum safety

Every module is independent, allowing component replacements without affecting the rest of the detection system. Other safety features are built-in redundancy, optimal distributed system design and a control panel interface giving maximum clarity in case of alarm or an emergency situation.

User-friendly

Thanks to self-instructing menus and alarms shown as text and figures, the system is very easy to operate.

Quick and easy to install

Individually addressed detectors, logical and simple connection of external wiring, standardised system configurations, distributed system functions. You'll be soon up and running.

Individually adapted

The modularity makes it possible to configure a system that matches your needs in the most cost optimized way.

Control Panel M Gas

The Control Panel M Gas is a control panel with a 4.3" graphical colour display used to manage and supervise a system.

Control Panel M Gas mounts on the cabinet or can be installed independently from a gas alarm cabinet and be used as control or repeater panel.

Control Panel M Gas is equipped with communication buses for connecting to the system. Several configurations can be downloaded to the central unit, giving the possibility to choose a specific configuration for the gas detection system.

- Pre alarm and alarm
- Alarm delay and disablements
- Digital output/input functionality
- Explanatory text



A USB interface enables easy maintenance and service of the complete system.

The gas detection system can be connected to the surveillance systems with standard communications protocols.

Up to 10 panels, 256 gas detectors and 128 programmable relays can be connected to a gas detection system.

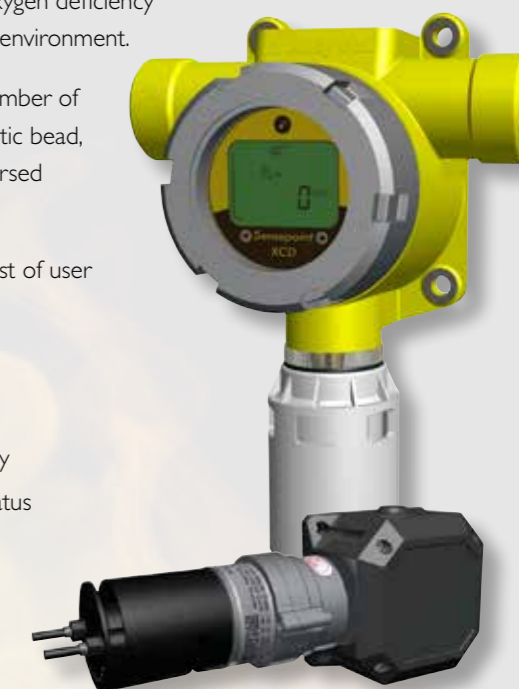
Gas Detectors

The Salwico range of gas detectors is used to monitor areas where flammable, oxygen deficiency and toxic gases may pose a hazard environment.

The Salwico gas detector uses a number of sensor technologies including catalytic bead, electrochemical cell and Non-dispersed (NDIR).

Salwico gas detectors have a long list of user friendly features:

- One hand operation for sensor replacement
- Clear multi-function backlit display
- Tri-colour backlight display for status indication
- 4-20mA signal output
- 3 Switch relays
- Modbus
- EX-d



Salwico detector

Test and calibration

In order to ensure the safe and accurate operation of the gas detector they need to be calibrated against reference test gases. CN Systems offers all different gases needed for different sensors and calibration kits for all Salwico gas detectors.

