

OGS 2.1

Omicron Point Gas Detection System
from Autronica Fire and Security

Continuous monitoring. To the point!

Our point gas detection system OGS 2.1 is the ideal solution for environments that require continuous monitoring for hazardous gases.

Typical higher risk areas that require fixed point gas detection are e.g. pump rooms and engine rooms. The system can be equipped with an infinite number of sensors and supports various detection methods such as e.g. electrochemical, catalytical and infrared technology.

The OGS 2.1 meets the requirement set out by IMO and the different classification societies.



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SPECIFICATIONS

Power supply:	230 / 115 V AC Nom.
HC Sensor Range:	0 - 100 % LEL
Oxygen range:	0 – 25,0 Vol%
H2S Range:	0 – 25 ppm
Calibration interval:	Sensor & application specific

Omicron gas detection

The OGS 2.1 system operates on the same platform as our gas sampling family OGS 3, making it easy combinable and the ideal extension to the OGS sampling systems whenever both solutions need to be pooled to one economically sound system. The platform flexibility enables us to meet the individual customer's needs.

Direct sampling

Special environments call for special solutions

Certain areas in the maritime and offshore industry are so challenging that reliable traditional point gas detection is impossible. Envision gas detection in e.g. crankspace or shale shaker ventilation channels. To master these conditions we created our innovative direct sampling solution, a hybrid system merging key functionalities from our Omicron point gas and gas sampling offering. Combined with our standard products this revolutionary concept for the first time enables reliable and cost efficient gas detection for all areas in one overall system.

Features

- Individual readings and alarm LEDs for each individual sensor
- Up to 4 adjustable independent alarm set points
- Detection of Oxygen, Hydrocarbons and toxic gases
- Infrared, catalytical and electrochemical sensors
- Continuous system verification
- Intuitive operation
- Remote alarm unit to display alarms on a second location e.g. ship's bridge (optional)
- Integrated temperature alarm for cargo pump bearings (optional)
- Cargo pump emergency shutdown (option)
- RS 485/422 Modbus RTU serial line communication (option)
- Separated alarm and detector cabinet (optional)



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