



sensitron

A **Halma** company

FOR THE SAFETY OF PEOPLE AND ENVIRONMENT

**WE DON'T
COMPROMISE**

————— GAS DETECTION SYSTEMS —————

Innovation and research since 1988

GAS DETECTION SYSTEMS FOR ALL APPLICATIONS.

Sensitron is a global gas detection company. The product range consists of gas detection systems, detectors and control panels, for all applications. Founded in 1988 in the province of Milan, Sensitron became part of the Halma plc group in 2021.

Always focused on innovation and technology, Sensitron continues its innovative spirit also in communication.

The use of new digital tools enables an engaging and interactive experience for customers and stakeholders, complementing the existing communication methods used for the past 36 years.



**MANAGE
SMART 3
BLIZZARD
WITH SENSE**

Safety in refrigerant gas detection

ACCURACY WITHOUT COMPROMISE: THE GAS DETECTOR WITH WIRELESS INTERFACE TOWARDS THE FUTURE.

SMART 3 Blizzard: the refrigerant gas detector with infrared sensor and management via the advanced SENSE interface. Accuracy, customizable alarms, and wireless maintenance combine to ensure safety and usability at the highest level.

Sense is available in 6 different languages, you can view and download two different types of reports and the test certificate, do firmware updates and remotely set various detector functions.



A Halma company



scan
QR code



WiFi
connect



enter
LOGIN



LED
feedback



manage
PARAMETERS

CERTIFIED CONTROL PANELS AND DETECTORS.

All Sensitron products are tested and approved. Certified products have international certifications covering protection mode, performance evaluation and reliability.



Directive 2014/34/EU establishes the requirements and assessment of equipment intended for use in potentially explosive atmospheres. In fact, it defines health and safety requirements for the design, manufacture and commercialization of such equipment to ensure the safety of operators.



EN 60079-29-1 describes the construction and test methods for verifying the performance of flammable gas detectors. The test sequence ensures the accuracy of the gas reading, its stability and response time.



The IECEx system is an international certification system. It was developed by the International Electrotechnical Commission to simplify global trade in equipment used in explosive atmospheres.



The Safety Integrity Level (SIL) is the ability to reduce risk to an acceptable level. This is achieved with Safety Instrumented Systems (SIS), as they are designed to detect a hazardous situation and take action to prevent or mitigate it.



(China Certification Centre for Fire Products) is the certification issued by the Chinese body for safety devices in the field of fire prevention.



EN 50545-1 is dedicated to systems that enable the detection of toxic and combustible gases in garages. It describes the requirements for gas detectors and control panels, the performance they must guarantee, and how to perform tests for evaluation.



HART (Highway Addressable Remote Transducer) is the global standard for sending and receiving digital information through 4-20 mA analog current loops that connect most field instruments to distributed control systems.



The Marine Equipment Directive (MED, Directive 2014/90/EU) ensures that safety requirements are applied and implemented in a harmonized manner throughout the European Union. The objectives of the directive are:

- Improve safety at sea
- Prevent marine pollution



OUR PRODUCT CATALOG.



Discover
the catalog
of all Sensitron
products.

The product range consists
of gas detection systems, detectors
and control panels, for all applications.

Sensitron gas detection systems
are suitable for the detection of flammable,
toxic, refrigerant and oxygen gases.

CONTROL PANELS

Control panels are designed to work
in small and large systems,
in all application spectrums,
classified and non classified areas.





SMART 3G

The most versatile line: SMART 3G series gas detectors are designed for all application.



SMART S



Due to their high customization, SMART S gas detectors are designed for harsher and more aggressive environments.

SMART 3



SMART 3 gas detectors are designed for use in non classified areas.

PK SYSTEM



The PK gas detection systems is designed to meet European standard EN 50545-1. To operate, SMART P gas detectors need to be connected to MULTISCAN++PK.



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GAS DETECTION SYSTEMS FOR ALL APPLICATIONS

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