



sensitron

GAS DETECTION SYSTEMS FOR ALL APPLICATIONS

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Halma

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 year



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.



scan QR WiFi connect enter LOGIN LED feedback adjust CHECK



sensitron

A Halma company

FOR THE SAFETY OF PEOPLE AND ENVIRONMENT

# WE DON'T COMPROMISE

GAS DETECTION SYSTEMS

# CERTIFIED CONTROL PANELS AND DETECTORS.

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



2014/34/EU

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.



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



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.



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.



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.



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 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.



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.

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



Discover the catalog of all Sensitron products.

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

# CONTROL PANEL

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



# SMART 3G



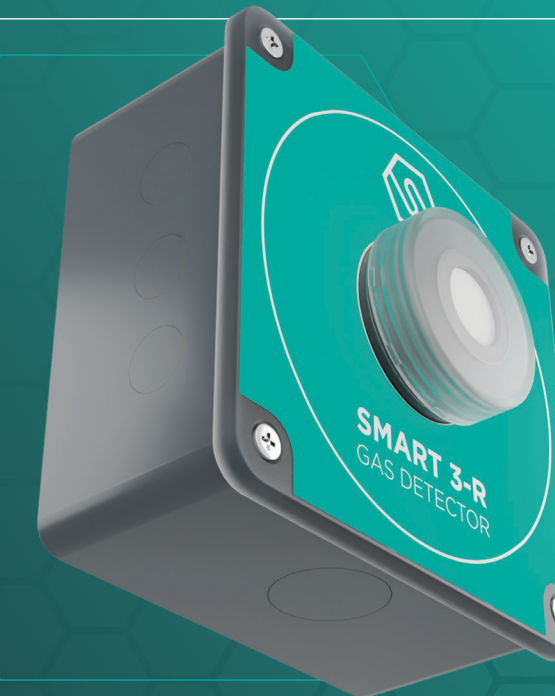
The most versatile line: SMART 3G series gas detectors are designed for all application.



# 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.