

STANDGAS



**STANDALONE DETECTOR AND STANDALONE RS485 DETECTOR
FOR THE DETECTION OF TOXIC AND EXPLOSIVE GASES AND OXYGEN**

**USING CATALYTIC, ELECTROCHEMICAL AND INFRARED TECHNOLOGY
PROGRAMMABLE
PROVIDED WITH RELAY OUTPUT
PELLISTOR SENSORS RESISTANT TO SILICON VAPOURS
PLASTIC HOUSING
IP65 PROTECTION GRADE**

Available in several versions:

WITHOUT DISPLAY



STANDGAS HC
STANDGAS HC 3 RELAYS



STANDGAS HC PRO



STANDGAS PRO TOX
3 RELAYS

WITH DISPLAY

STANDGAS PRO
LCD EXPLOSIVE



STANDALONE



STANDALONE RS485

STANDGAS PRO
LCD TOXIC



STANDALONE



STANDALONE RS485

STANDGAS HC & HC PRO

- OPTICAL INDICATORS FOR STATUS AND SENSOR FAILURE
- SELECTION OF GAS TO BE DETECTED BY USE OF JUMPER
- PROGRAMMABLE ALARM RELAY INITIAL STATUS
- PROGRAMMABLE ALARM LEVELS
- PROGRAMMABLE ALARM RELAY ACTIVATION DELAY

**DESIGNED FOR THE DETECTION
OF EXPLOSIVE GASES
USING CATALYTIC TECHNOLOGY (PELLISTOR)
WITH A DETECTION RANGE OF 0 TO 100% L.E.L.**

STANDGAS HC



- > FOR NON-INDUSTRIAL USE
- > AVAILABLE FOR NATURAL GAS, METHANE, PROPANE, BUTANE AND HYDROGEN
- > AVAILABLE IN A VERSION WITH THREE PROGRAMMABLE RELAY OUTPUTS

STANDGAS HC PRO



- > FOR INDUSTRIAL USE
- > AVAILABLE FOR VARIOUS HYDROCARBONS, INCLUDING ACETYLENE
- > SENSOR AND COMPENSATOR ARE INDEPENDENTLY ENCAPSULATED, ENSURING HIGHER LINEARITY AND STABILITY
- > WITH SINTERED FILTER

STANDGAS PRO TOX 3 RELAYS

- THREE PROGRAMMABLE ALARM RELAY OUTPUTS WITH DIFFERENT LEVELS FOR EACH GAS
- UP TO THREE OUTPUT LEVELS OR TWO LEVELS PLUS FAULT OPTION
- PROGRAMMING OF THE ASCENDING OR DESCENDING LEVEL OF OXYGEN ALARM

**DESIGNED FOR THE DETECTION
OF TOXIC GASES AND OXYGEN
USING ELECTROCHEMICAL TECHNOLOGY,
AND OF CO₂ USING INFRARED TECHNOLOGY**

STANDGAS HC PRO TOX 3 RELAYS



AVAILABLE FOR:

- > CARBON MONOXIDE (CO)
- > NITROGEN DIOXIDE (NO₂)
- > AMMONIA (NH₃)
- > HYDROGEN SULFIDE (H₂S)
- > SULFUR DIOXIDE (SO₂)
- > CHLORINE (Cl₂)
- > CARBON DIOXIDE (CO₂)
- > OXYGEN (O₂)

SPECIAL FUNCTIONS:

- > DIGITAL CONTROL OVER SENSOR STATUS
- > AUTOMATIC TESTING OF HARDWARE STATUS
- > DIGITAL FILTER BASED ON VARIABLE SAMPLINGS OF THE AVERAGES IN SENSOR VALUES
- > AUTOMATIC THERMAL COMPENSATION (EXCEPT STANDGAS O₂, THAT DOES NOT NEED IT)
- > EXACT AUTOMATIC ZERO ADJUSTMENT

In factory it is also possible to know the remaining useful life of the sensor, date of manufacture and last calibration, as well as the serial number

STANDGAS PRO LCD

STANDALONE AND STANDALONE RS485 DETECTORS
PROGRAMMABLE
PROVIDED WITH A BACKLIT 16x2 LINE DISPLAY,
THREE KEYS, PROGRAMMABLE ALARM RELAY OUTPUT
AND INTERNAL ACOUSTICS

AVAILABLE IN FOUR VERSIONS:

- **EXPLOSIVE GASES**

- STANDALONE EXP
- STANDALONE RS485 EXP

- **TOXIC GASES AND OXYGEN**

- STANDALONE TOX
- STANDALONE RS485 TOX

IP65 PROTECTION GRADE

OPTIONAL UNIVERSAL SUPPORT ANGLED FOR CEILING AND FLOOR INSTALLATION THAT ALLOWS VISUALIZING THE DISPLAY WHEN A HEAVY (FLOOR) OR LIGHT (CEILING) GAS IS BEING DETECTED.

OPTIONAL 230V POWER UNIT WITH A CAPACITY TO SUPPLY FROM 1 TO 10 STANDGAS UNITS.

APPLICATIONS:

BATTERY ROOMS – PHARMACEUTICAL LABORATORIES – UNIVERSITY LABORATORIES – AIRCRAFT INDUSTRY – WINERIES – GALLERIES – DISTILLERIES – LIVESTOCK INDUSTRY – PETROL STATIONS – BOILER ROOMS – INDUSTRIAL KITCHENS – INDUSTRY IN GENERAL

STANDGAS

PRO LCD

EXPLOSIVE GASES (standalone)

DESIGNED FOR THE DETECTION OF EXPLOSIVE GASES USING CATALYTIC TECHNOLOGY (PELLISTOR) WITH A DETECTION RANGE OF 0 TO 100% L.E.L. AND RESISTANT TO SILICON VAPOURS.



AVAILABLE FOR NUMEROUS HYDROCARBONS, INCLUDING A SPECIAL VERSION FOR ACETYLENE.

PROVIDED WITH SINTERED FILTER

ALLOWS PROGRAMMING OF THE FOLLOWING:

GAS TYPE

PREALARM LEVEL

ALARM LEVEL

RELAY OUTPUT INITIAL STATUS

REARM TYPE: MANUAL OR AUTOMATIC

REARM TIMING

ACTIVATION OR NOT OF INTERNAL ACOUSTICS

SYSTEM TEST

POSSIBILITY OF INHIBITING THE SENSOR TO PREVENT INAPPROPRIATE ACTIONS IN CASE OF BREAKDOWN OR LACK OF MAINTENANCE

STANDGAS PRO LCD

TOXIC GASES AND OXYGEN (standalone)

DESIGNED FOR THE DETECTION
OF TOXIC GASES AND OXYGEN
USING ELECTROCHEMICAL TECHNOLOGY,
AND OF CO₂ USING INFRARED TECHNOLOGY

AVAILABLE FOR:

- > CARBON MONOXIDE (CO)
- > NITROGEN DIOXIDE (NO₂)
- > AMMONIA (NH₃)
- > HYDROGEN SULFIDE (H₂S)
- > SULFUR DIOXIDE (SO₂)
- > CHLORINE (Cl₂)
- > CARBON DIOXIDE (CO₂)
- > OXYGEN (O₂)



SPECIAL FUNCTIONS:

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DURAN
electrónica



STANDGAS PRO LCD

TOXIC ND EXPLOSIVE GASES
AND OXYGEN

RS485 VERSION

Especially indicated for use in laboratories or compartmentalized areas which apart from local operation, need to be controlled and carry out maneuvers, and report remotely on their status.



EXTRA FUNCTIONS:

- > **with RS485 communication** (addressable)
- > **compatible with DURGAS control panels** (V04 and onwards software version)
- > **Up to 8 units can be connected per module line, maintaining their compatibility with all other gases**