



DURAN
electrónica



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

VERSION WITHOUT DISPLAY

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

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

AVAILABLE A SPECIAL VERSION WITH THREE
ALARM PROGRAMMABLE RELAYS FOR
EXPLOSIVE AND TOXIC GASES AND OXYGEN

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

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

**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

**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:

- > 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.

- 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

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.

NEW VERSION
RS485