

GasPoint



Gas Detector for Stand Alone Continuous Monitoring



The Gas Point is an economical, microprocessor-based gas detector for continuous monitoring of toxic gases, oxygen or inflammable gases. Non intrusive calibration and maintenance is performed using a magnetic wand to access the software through the enclosure window – no need to open the enclosure (and obtain special area permits) to perform routine calibrations.

ATEX Approved

Easy to Install

LCD graphic display

Automatic Calibration

Versatility & Reliability

Applications

- Waste water treatment plants
- Petroleum and natural gas fields
- Marine and off-shore oil wells
- Refineries and petrochemical plants
- Pulp and paper plants
- Chemical plants
- Power plants
- Steel mills

HOW TO ORDER

100300	Explorer GAS POINT for Inflammable %LEL (Without sensor)
100320	Explorer GAS POINT for Toxic / Oxygen (Without sensor)

To add the below sensor pn.

108110	Sensor % LEL
108165	Sensor thermal conductivity %VOL
108300	Sensor O ₂
108305	Sensor CO
108310	Sensor H ₂ S
108330	Sensor NO ₂
108340	Sensor Cl ₂
108350	Sensor NO
XXXXXX	<i>Other sensors are available</i>

RECOM INDUSTRIALE srl

Via Pietro Chiesa, 25 r. – 16149 Genova – Italia
 Tel. (+39) 010-469.56.61 r.a. 010-469.53.25
 Fax (+39) 010.642.42.05
 e-mail: info@recomind.com

www.recomindustriale.com

TECHINICAL DETAILS

Enclosure	Wall mounting explosion proof
Range	<i>See below</i>
Sensor	Electrochemical & Infrared principle
Sensibility	<i>See below</i>
Linearity	100%
Size	Ø 110 x h 120 mm
Weight	1,5 Kg
Output	4/20 mA
Alarms	nr. 3 - 2 programmable with flashing red leds + 1 fault
Power supply	24 Vdc
Operating Temperature	- 20° ÷ + 55° C
Operating Humidity	0% to 95% non-condensing
Operating Pressure	atmosferic
IP	IP 65
Response time	T 90 < 25 sec
User interface	Magnetically accessed keys for programming and calibration
Sampling	Diffusion
Display	Internal 7-segmenti, 4-digit LCD
Approvals	ISSeP04ATEX036 - II 2GD - EEx d IIC T6 - IP 6X - T85°C - CE DNV (Det Norske Veritas) n° A8575 R.I.Na (Registro Navale Italiano)

GASES & RANGES

Combustible gases and vapours	0-100% LEL
Hydrocyanic acid HCN	0-100 ppm
Nitrogen dioxide NO2	0-20 ppm
Chlorine dioxide ClO2	0-1 ppm
Hydrogen H2	0-1000 ppm
Hydrogen sulphide H2S	0-50 ppm
Nitric oxide NO	0-100 ppm
Carbon monoxide CO	0-300 ppm
Ethylene oxide C2H4O	0-20 ppm
Oxygen O2	0-30% Vol
Hydrochloric acid HCl	0-100 ppm
Hydrofluoric acid HF	0-10 ppm
Ammonia NH3	0-100 ppm
Sulphur dioxide SO2	0-20 ppm
Chlorine Cl2	0-20 ppm
Fluorine F2	0-1 ppm
TBM	50 mg/m3
THT	50 mg/m3
Carbon dioxide C	0-1%; 0-10%; 0-20%; 0-100%
Hydrocarbons HC	0-100 % Vol
Methane CH4	0-100% Vol

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COMPATIBLE WITH : Control Units



GasScreen

16 channels 4-20mA and 256s points RS485
 Wall Mounting



Explorer 4

Explorer 4 rack module, 4 Channels.
 Available racks for 8 or 16 channels.



Explorer BOX 2

Explorer Box 2 - 2 channels
 multi-colour touch screen display.



Explorer BOX 4

Explorer BOX 4 - 4 channels
 Wall mounting - 3 Relè/channel