

Gas Catalogue



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Residential Gas Detectors

METHANE GAS DETECTOR - BEAGLE PLUS

Domestic methane detector BEAGLE PLUS with output for driving 230V~ cut-off valves. Test button. In compliance with CEI-EN 50194-1 standard. IMQ quality mark and compliance with CEI-EN 50194-1 certify the absolute reliability and efficiency of the device. Precalibrated sensor, directly replaceable by user.



Part Number	Description	
RGDME5MP1R	230V~ -15/+10% 50Hz, Methane, SnO2 Semiconductor sensor, 10% L.I.E., 5(2)A @ 250V~ SPDT, LED, Detector failure, Alarm, IP42	€ 90.00

LPG GAS DETECTOR - BEAGLE PLUS

Domestic LPG detector BEAGLE PLUS with output for driving 230V~ cut-off valves. Test button. In compliance with CEI-EN 50194-1 standard. IMQ quality mark and compliance with CEI-EN 50194-1 certify the absolute reliability and efficiency of the device. Precalibrated sensor, directly replaceable by user.



Part Number	Description	
RGDGP5MP1R	230V~ -15/+10% 50Hz, LPG, SnO2 Semiconductor sensor, 10% L.I.E., 5(2)A @ 250V~ SPDT, LED, Detector failure, Alarm, IP42	€ 90.00

METHANE AND CO GAS DETECTOR - BEAGLE DOUBLE

Domestic gas and carbon monoxide (CO) and methane detector with facility for driving 230V~ cut-off valves or fans. Test button.



Part Number	Description	
RGDCMOMP1	230V~ -15/+10% 50Hz, Methane/CO, SnO2 Semiconductor and chemical cell sensor, 10% L.I.E., 5(2)A @ 250V~ SPDT, LED, Detector failure, Alarm, IP42	€ 155.00

CO GAS DETECTOR - Segugio

Microprocessor based domestic carbon monoxide detector SEGUGIO with output for cut-off valves, fans or any other electrical actuators with 230V~ power supply. Carbon monoxide detection with accumulation mode: it simulates the gas accumulation in the human body according to standard EN50291.

Part Number	Description	
RGDCOKMP10SE	230V~ -15/+10% 50Hz, CO, Electrochemical cell sensor, 5(2)A @ 250V~ SPDT, LED, Detector failure, Alarm, IP42, Buzzer 85dB(A)@1m, EN-50291, Part J and RGI Compliant, interlock switch.	€ 155.00

Industrial Gas Controllers

8 ZONES CONTROL UNIT

Industrial gas detection system control unit with 8 zones fit in IP44 capable of monitoring gas concentration up to maximum 8 zones. Possibility of connecting a 4 .. 20mA transmitter in each zone for the detection of GPL, methane, carbon monoxide (CO) or gasoline vapor.



Part Number	Description	
RXA01M	230V~ -15/+10% 50 .. 60Hz, 2% .. 32% L.E.L., IP44, LED	€ 330.00

4 ZONES CONTROL UNIT

Programmable gas detection control unit with 4 zones fit in a 9 module DIN case capable of monitoring gas concentration up to maximum 4 zones. Possibility of connecting a 4 .. 20 mA transmitter in each zone for the detection of GPL, methane or carbon monoxide (CO).



Part Number	Description	
RGY000MBP4	230V~ -15/+10% 50Hz, CH4 e G.P.L. 0%...100%LIE, CO O...999 ppm, IP30, Alarm, LED	€ 425.00

Industrial Gas Transmitters/Sensors

TRANSMITTERS IP54

4....20mA

Concentration of gas transmitters with 4 .. 20 mA current output (three wires), designed for the detection of carbon monoxide (CO), methane (CH4), LPG or gasoline vapor. Its plastic housing contains an electronic circuit and a sensor properly protected by a sintered filter placed on the lower side of the housing.



Part Number	Description	
SXCNO10001	12-24V, CO , 0...500ppm, 4...20mA, IP54	€ 212.00
SXMNO40001	12-24V, CH4, 0...50% L.I.E, 4...20mA, IP54	€ 171.00
SXMNO60001	12-24V, CH4, 0...100% L.I.E, 4...20mA, IP54	€ 233.00
SXGN040001	12-24V, (LGP), 0...50% L.I.E, 4...20mA, IP55	€ 171.00
SXGN040001	12-24V, (LGP), 0...100% L.I.E, 4...20mA, IP55	€ 233.00

Industrial Gas Transmitters/Sensors

2 ZONE CONTROL UNIT

Gas sensors control unit with two relay outputs, inputs for 2 remote sensors. Reset button. IP54 case. For non-classified ATEX zones.



Part Number	Description	
RGIO01MSX2	230V~ -15/+10% 50Hz, 4(2)A @ 250V~ SPDT, 13% L.E.L., IP 54, LED, Semiconductor for natural gas	€ 207.00

4 ZONE CONTROL UNIT

4 In 2 Out control unit for gas leakage sensors; input for up to 4 remote sensors. Reset and test pushbuttons. Memory of the alarm state. 2 relay outputs.



Part Number	Description	
RGIO00MSX4	230V~ -15/+10% 50Hz, 2x6(2)A @ 250V~ SPDT, IP 54, LED,	€ 370.00

Industrial Gas Detectors

2 ZONE LPG DETECTOR

LPG Detector for gas leakages with two relay outputs, internal sensor and facility for a second remote sensor and for back-up battery (ACCSGB12). Reset button. IP54 case. For non-classified ATEX zones.



Part Number	Description	
RGIGp1MSX2	230V~ -15/+10% 50Hz, 4(2)A @ 250V~ SPDT, 13% L.E.L., IP 54, LED, Semiconductor for LPG Gas	€ 250.00

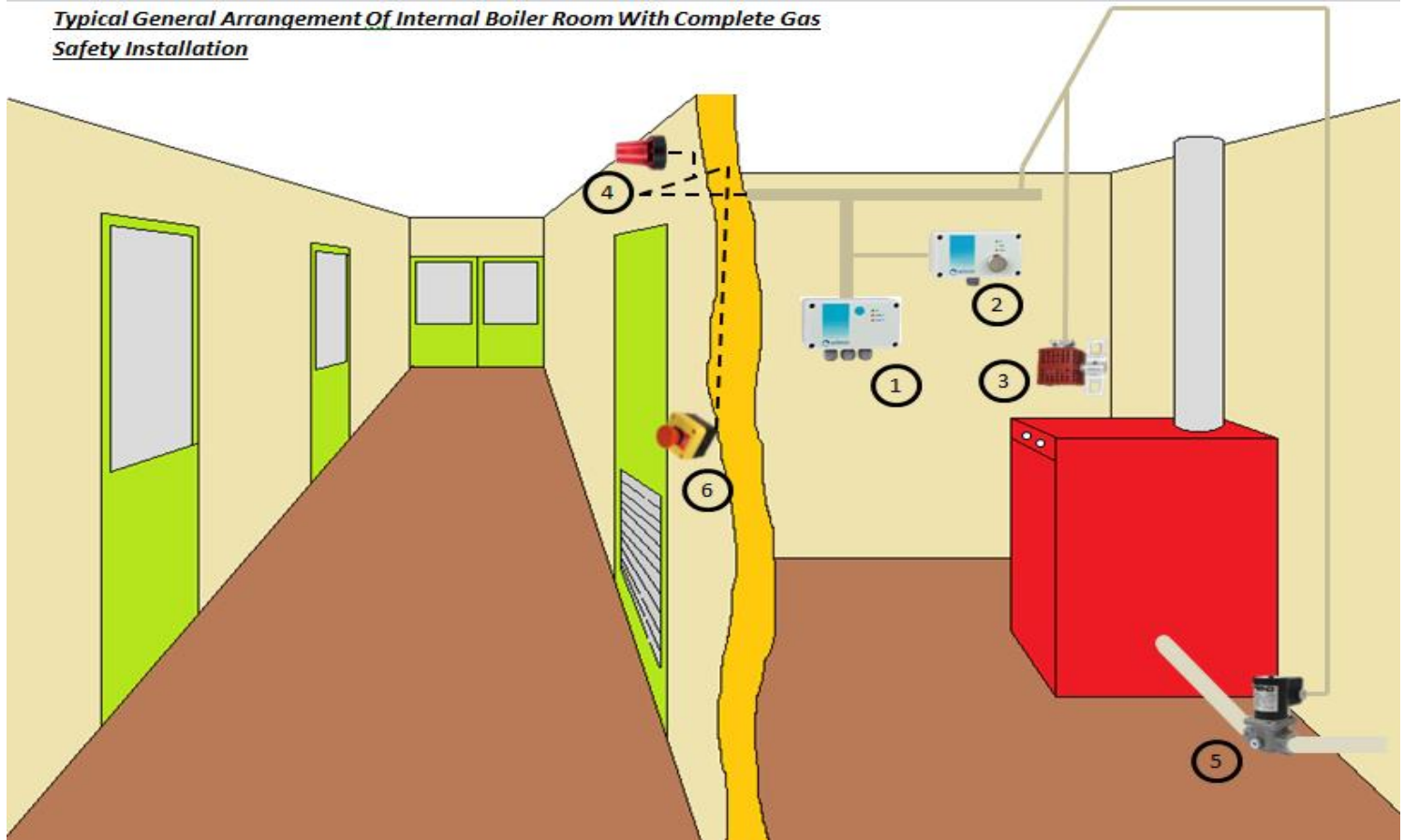
2 ZONE METHANE DETECTOR

Methane detector for gas leakages with two relay outputs, internal sensor and facility for a second remote sensor and for back-up battery (ACCSGB12). Reset button. IP54 case. For non-classified



Part Number	Description	
RGIME1MSX2	230V~ -15/+10% 50Hz, 4(2)A @ 250V~ SPDT, 13% L.E.L., IP 54, LED, Semiconductor for natural gas	€ 250.00

Typical General Arrangement Of Internal Boiler Room With Complete Gas Safety Installation



Principle of operation

The RGI001MSX will automatically turn off the electrical supply to the gas valve and sound the remote alarm should any of the following conditions arise

1. Carbon monoxide level increases to 50ppm for 1 hour, 100ppm for 10 minutes or 300ppm instantaneously. (Time Weighted Average).
2. Natural Gas level rises to 20% LEL.

And/or

3. Boiler room temperature exceeds 72 degrees centigrade.

The system can only be reset and gas re-instated when the cause of the problem has been resolved.

Key

1. RGI001MSX 2 Channel Controller
2. SGI-ME1 Natural Gas Sensor
3. ETL Thermal Fusible Link (72°C)
4. ACC SRL Electronic alarm siren
5. GVS25-230 Gas Valve Auto Reset Normally Closed
6. Emergency Stop Button

Industrial Gas Sensors

REMOTE SENSOR FOR LPG

Remote sensor for LPG gas leakages. Semiconductor sensing element
Alarm threshold: from 5 to 20% L.E.L. Sensor life: 5 years. IP 54 case. For LPG gas. Powered by control unit.



Part Number	Description	
SGIGP1	7.5V= ±20%, 5% .. 20% L.E.L., IP 54, LED	€ 107.00

REMOTE SENSOR FOR METHANE

Remote sensor for methane gas leakages. Semiconductor sensing element
Alarm threshold: from 5 to 20% L.E.L. Sensor life: 5 years. IP



Part Number	Description	
SGIME1	7.5V= ±20%, 5% .. 20% L.E.L., IP 54, LED	€ 107.00

CO DETECTOR

Carbon monoxide detector for leakages with two relay outputs and internal sensor. Test and reset button. IP40 case.



Part Number	Description	
RGIC00L42	230V~ ±10% 50Hz, 6(2)A @ 250V~ SPDT, Electrochemical cell, 16ppm ±4ppm CO, IP40, LED	€ 295.00

Industrial Gas Accessories

ELECTRONIC SIREN

Electronic 76dB with power supply 12V-24V siren with 21W flasher.



Part Number	Description	
ACSR01	12V-24V, 76dB, 21W flasher	€ 156.00
ACCSRL220	220V, 76dB, 21W flasher	€ 120.00

BACKUP BATTERY

Backup battery for RGI 000 MSX4, RGI 000 LBXD, RGI 000 MBX2, RGI 001 MSX2. 8V-12V outputs. Battery autonomy ~3 hours (depending on the loads connected).



Part Number	Description	
ACCSGB12	230V~ ±10% 50Hz, 12V=, 7 A/h, IP 20, 0°C .. 40°C	€ 500.00

Thermal Fuse

Electro thermal fusible link for use in boiler houses. The electro thermal fusible link is for installing in a position where a fire hazard may occur, e.g. Above a burner, an air heater or boiler. The fire will melt the fusible metal link and interrupt the electrical supply to either a gas valve or an alarm etc. The link consists of a purpose built cast aluminium box with a perforated cover having a temperature sensitive fuse. The unit should be mounted so that the perforated cover faces downwards and the ventilation holes in the back of the box must not be obstructed. The link is electrically rated at 5 amps maximum on 200/250volts, single phase, 50 hertz and melts at 155 deg f (68 deg c).



CAST VERSION (standard type)



METAL BOX VERSION

Part Number	Description	
ETL	ETL (METAL BOX TYPE)	€ 9.75
TL1	TL1 (CAST TYPE)	€ 16.50

Emergency STOP Button

The emergency stop button is designed for use in boiler houses etc. With gas valves / fire valves and accessory equipment as an emergency button to sound an alarm / render equipment safe by the operation of an electric switch which must be activated manually by hand pressure. To reset the mechanism, turn the red push button in a clockwise direction and the switch will automatically return to the original position.



Part Number	Description	
KOB	Emergency STOP Button	€ 16.00

Residential Gas Electro-Valves

NORMALLY OPEN ELECTRO-VALVES

Gas shut-off valves N.O. with manual reset. Normally open. During normal operation there is no electrical consumption. Power consumption: 19VA.



Part Number	Description		
EVGPAFM015	DN15(1/2"), 230V~, Threaded	€	58.00
EVGPAFM020	DN25(3/4"), 230V~, Threaded	€	60.00
EVGPAFM025	DN25(1"), 230V~, Threaded	€	90.00

Industrial Gas Electro-Valves

NORMALLY CLOSED ELECTRO-VALVES

Gas shut off valves N.C. with manual reset. Normally closed: must be continuously powered to allow the gas flow. Power consumption: 19VA. Max



Part Number	Description		
EVGPCFM015	DN15(1/2"), 230V~, Threaded	€	94.00
EVGPCFM020	DN20(3/4"), 230V~, Threaded	€	100.00
EVGPCFM025	DN25(1"), 230V~, Threaded	€	117.00
EVGPCFM032	DN32(1 1/4"), 230V~, Threaded	€	165.00
EVGPCFM040	DN40(1 1/2"), 230V~, Threaded	€	170.00
EVGPCFM050	DN50 (2"), 230V~, Threaded	€	235.00
EVGPCFM065	DN65(2 1/2"), 230V~, Threaded	€	630.00
EVGPCFM080	DN80 (3"), 230V~, Threaded	€	765.00
EVGPCFM100	DN100 (4"), 230V~, Threaded	€	1,320.00
EVGPCFM125	DN125(5"), 230V~, Threaded	€	2,240.00
EVGPCFM150	DN150 (6"), 230V~, Threaded	€	5,062.50
EVGPCFM200	DN200(8"), 230V~, Threaded	€	6,030.00

Solenoid gas valve Screwed, normally closed

Class "A" Safety Shutoff Solenoid Gas Valve with threaded connections. For control and regulation of gaseous fluids in gas power burners, gas boilers, ovens, furnaces and other gas consuming appliances.





Part Number	Description		
GVS20-230	Gas valve screwed 20mm 230Vac	€	129.83
GVS25-230	Gas valve screwed 25mm 230Vac	€	137.95
GVS32-230	Gas valve screwed 32mm 230Vac	€	188.26
GVS40-230	Gas valve screwed 40mm 230Vac	€	201.24
GVS50-230	Gas valve screwed 50mm 230Vac	€	238.59
GVF65-230	Gas valve flanged 65mm 230Vac	€	577.80
GVF80-230	Gas valve flanged 80mm 230Vac	€	675.16
GVF100-230	Gas valve flanged 100mm 230Vac	€	1,296.77
Optional Indication Switch			
GVCPI-20-25	CPI switch for the GVS20-230	€	68.15
GVCPI-32-40	CPI switch for the GVS32-230	€	68.15
GVCPI-50	CPI switch for the GVS50-230	€	68.15
GVCPI-65S	CPI switch for the GVS65-230	€	76.28
GVCPI-100S	CPI switch for the GVS100-230	€	76.28

Carbon Dioxide Monitor

CDD4 Series – Carbon Dioxide Monitor



The CDD4 Series CO₂ monitor uses a highly accurate and reliable Non-dispersive Infrared (NDIR) with state-of-the-art digital linearization and temperature compensated circuitry in an attractive, low profile enclosure for room applications and a duct mount version to detect CO₂ levels and provides a linear analog signal output of 4-20 mA, 0-5 or 0-10 Vdc signals. The CDD4 is available with ranges of 0-2000 ppm (Single beam) or 0-20,000 ppm (Dual beam). Parameters are set up via the LCD display which can be provided as viewable or concealed. Various precision thermistors or RTD's are also available



Part Number	Description		
CDD4A100	Space, NDIR, analog outputs	€	297.00
CDD4A101	Space, NDIR, analog outputs c/w exposed LCD	€	309.38
CDD4A200	Duct, NDIR, analog outputs	€	321.75
CDD4A201	Duct, NDIR, analog outputs c/w exposed LCD	€	334.13
CDD4A300	OSA, NDIR, analog outputs, heated enclosure	€	618.75
CDD4A400	OSA, NDIR, analog outputs, non heated enclosure	€	495.00
Dual Beam Models			
CDD4B100	Space, NDIR Dual Beam, analog outputs	€	482.63
CDD4B101	Space, NDIR Dual Beam, analog outputs c/w exposed LCD	€	495.00
CDD4B200	Duct, NDIR Dual Beam, analog outputs	€	507.38
CDD4B201	Duct, NDIR Dual Beam, analog outputs c/w exposed LCD	€	519.75
CDD4B300	OSA, NDIR Dual Beam, analog outputs c/w heater	€	804.38
CDD4B400	OSA, NDIR Dual Beam, analog outputs w/o heater	€	655.88
Options			
T2	100 Ohm platinum RTD (2)	€	12.38
T6	3,000 Ohm thermistor (6)	€	8.33
T7	10,000 Ohm thermistor, Type 3 (7)	€	8.33
T12	1,000 Ohm platinum RTD (12)	€	12.38
T13	1,000 Ohm nickel RTD (13)	€	12.38
T14	10,000 Ohm thermistor, Type 3 c/w 11K Shunt resistor (14)	€	12.38
T24	10,000 Ohm thermistor, Type 2 (24)	€	8.33
P	Setpoint adjustment (space only)	€	4.95
S	Momentary override switch (space only)	€	4.95
R	Relay output	€	14.85

CDD5 Series – Carbon Dioxide/Temperature/Humidity Monitor



The CDD5 Series CO₂/Humidity/Temperature transmitter incorporates three sensors in one attractive wall mount or duct mount enclosure for the most efficient environmental monitoring and control system. It uses highly accurate and reliable Non-dispersive Infrared (NDIR), ThermoSet Polymer based capacitance humidity sensor and curve matched thermistor combined with state-of-the-art digital linearization and temperature compensated circuitry in an attractive, low profile enclosure to monitor room CO₂, humidity & temperature levels and provides a linear analog signal output of 4-20 mA, 0-5 or 0-10 Vdc signals. The CDD5 is available with CO₂ ranges of 0-2000 ppm (Single beam) or 0-20,000 ppm (Dual beam). An optional LCD display is available that is fully programmable to show



Part Number	Description		
CDD5B100	Space, NDIR, c/w humidity and temperature transmitter with voltage outputs	€	396.00
CDD5B101	Space, NDIR, c/w humidity and temperature transmitter with voltage outputs and exposed LCD	€	408.38
CDD5B200	Duct, NDIR, c/w humidity and temperature transmitter with voltage outputs	€	445.50
CDD5B201	Duct, NDIR, c/w humidity and temperature transmitter with voltage outputs and exposed LCD	€	457.88
CDD5D100	Space, NDIR Dual Beam, c/w humidity and temperature transmitter with voltage outputs	€	556.88
CDD5D101	Space, NDIR Dual Beam, c/w humidity and temperature transmitter with voltage outputs and exposed LCD	€	569.25
CDD5D200	Duct, NDIR Dual Beam, c/w humidity and temperature transmitter with voltage outputs	€	606.38
CDD5D201	Duct, NDIR Dual Beam, c/w humidity and temperature transmitter with voltage outputs and exposed LCD	€	618.75

Carbon Monoxide Monitor

CMD5B1 Series – Carbon Monoxide Monitor



The CMD5B1 Series carbon monoxide detector uses a superior electrochemical sensor for reliability and accuracy in even the most



Part Number	Description		
CMD5B1000	CO detector, Compact, c/w 2 wire 4-20 mA output	€	193.05
CMD5B1100	CO detector, Compact, c/w 3 wire 4-20 mA output and adjustable relay	€	209.03
CMD5B4000	CO detector, Space/Wall c/w analog outputs, LCD, test switch and status LED	€	273.38
CMD5B4100	CO detector, Space/Wall c/w analog outputs, relay output, LCD, test switch and status LED	€	289.35
CMD5B5000	CO detector, Duct c/w analog outputs, LCD, test switch and status LED	€	297.68

Smoke

Duct Smoke Detector



The SL-2000 Series Smoke Duct Detector is the latest innovation for early detection of smoke and products of combustion present in air moving through HVAC ducts in Commercial, Industrial, and Residential applications. The unit is designed to prevent the recirculation or spread of smoke by air handling systems, fans, and blowers. Complete systems may be shut down in the event of smoke detection. The SL-2000 is designed and built to meet all local code requirements, as well as the NFPA and ICC standards regarding HVAC supply and return duct smoke detectors. Output terminals are provided for a wide range of remote accessories such as horns, strobes, remote status indicators, and test/reset key switches or push buttons. All Detectors must be used with a metal sampling



SL-2000-N	4 wire ionization duct smoke detector (Listed for high temperature applications) c/w 190mm sampling tube	€	202.73
SL-2000-P	4 wire photoelectric duct smoke detector c/w 190mm sampling tube	€	202.73
ACCESSORIES			
FAST TUBE	Lightweight plenum rated modular sampling tube for up to 2.4m wide ducts	€	24.75
STN-1.0	Sampling tube, 254mm for duct widths up to 305mm	€	9.90
STN-2.5	Sampling tube, 760mm for duct widths 305mm - 760mm	€	11.25



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