

RESIDENTIAL & INDUSTRIAL GAS DETECTION



PRODUCTS CATALOGUE 2024.1 Edition



■ BELT DETECTION

BELT DETECTION deals with the development and production of systems for gas detection in residential, commercial and industrial applications and can boast a position of technological leadership in the Italian market of gas detection, as well as an increasing spread on foreign markets that today account for half of the turnover.



CONFINDUSTRIA

BELT's products have always stood out for their quality and technical characteristics, combined with original design solutions, especially in the residential application.

The **BELT** brand stands out for being the first in Italy to introduce products equipped with replaceable detection modules which allow a quick replacement of the sensor at the end of its life.

With the new **UNIKA** Control Unit for DIN Rails (which replace the historical WP / DIN performances) and Control Units of **MODULA** series, **BELT** reiterates its leadership in gas detection.



In collaboration with the innovative start-up **XELIND** we provide OEM versions of the products both for particular applications and for use in "system integration".

In fact, it is possible to have versions of our Modula control units with communication systems via **MODBUS-TCP/IP** with open protocol; is possible for addressed detectors, which they use a **MODBUS/RTU** communication protocol on **RS485** line, customize the communication and operating parameters as well as having dedicated versions for high resolution measurements.

In the catalogue, the products intended for "system integration" are distinguished by the logo:



Our technicians are at your disposal for the turnkey development of each solution.



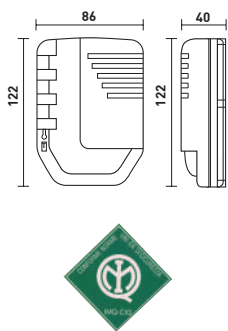
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Residential gas detectors

■ SCACCO combustible gas detector



SCACCO gas detectors use a catalytic sensor mounted on a reliable and low consumption electronic circuit.

Visual indications, integrated in the detector without the use of optical elements or LED holes, create a stunning optical effect.

The detector is predisposed for installation on the flush mounting boxes most used in Europe (2 modules, rectangular or round) or with external trunk (20x10) hidden behind the detector.

UNI-CEI EN 50194-1 compliant

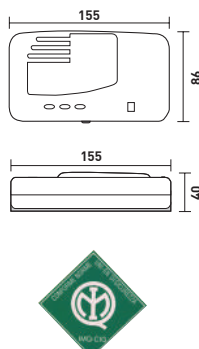
Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B10-SC01	Gas detector 230 V - wall - METHANE	1	4	16
B10-SC02	Gas detector 230 V - wall - L.P.G.	1	1	4

■ SCACCO KIT Scacco gas detector + electro valve



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B10-SC01/430RM	KIT - SCACCO gas detector - METHANE +Electro valve 430RM	1	1	1
B10-SC02/430RM	KIT - SCACCO gas detector - L.P.G. +Electro valve 430RM	1	1	1

■ DOMINO combustibles gas detector with replaceable CK sensor module



DOMINO series gas detectors use a powerful microprocessor which, coupled with the CK plug-in sensor modules, extends the detector life from 5 to 15 years (replacing 2 times the CK module).

CK sensor modules are distinguished by their outstanding selectivity and reliability. They use the latest generation low absorption sensors and are extractable. The CK sensor module is equipped with a permanent memory containing production parameters such as gas type, calibration concentration, manufacture date, serial number, etc. In addition, the sensor module memorizes the number of hours it has been in function.

This performance of prolonging the detector's life up to 15 years drastically reduces the maintenance costs.

UNI-CEI EN 50194-1 compliant

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B10-DM01	Gas detector 230 V - wall - METHANE	1	4	16
B10-DM02	Gas detector 230 V - wall - L.P.G.	1	1	4

REPLACEABLE SENSOR MODULE

DOMINO KIT Domino gas detector + electro valve

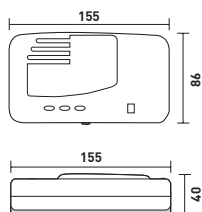


Combustible gas detector with replaceable CK sensor module

Brass manual lever-reloading electro valve
N.A. 3/4" 230 Vac

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B10-DM01/430RM	KIT - DOMINO gas detector - METHANE +Electro valve 430RM	1	1	1
B10-DM02/430RM	KIT - DOMINO gas detector - L.P.G. +Electro valve 430RM	1	1	1

DOMINO CO carbon monoxide gas detector with plug-in replaceable CA3 sensor module



The **DOMINO CO** gas detector is built in compliance with the EN50291 standard and each is calibrated with sample gas, to intervene at low concentrations of carbon monoxide (CO) in the air.

The **DOMINO CO** detector mounts the **CA3S** replaceable module which uses a high quality and precision electrochemical cell, combined with highly reliable control electronics.

The replaceable **CA3S** module allows for quick and reliable replacement and has a normal operating life of 5 years. Changing the **CA3S** module alone guarantees significant savings by avoiding the replacement of the entire detector.

The detector is equipped with self-diagnostics which indicates the fault condition with the yellow LED and verifies the continuous operating time, alerting via the special blue LED, the need to replace the **CA3S** module. Simultaneously with the red gas alarm indicator, the detector activates a powerful acoustic alarm and a relay, with changeover contact, suitable for controlling a gas shut-off solenoid valve or other external actuators.

CEI EN 50291 compliant

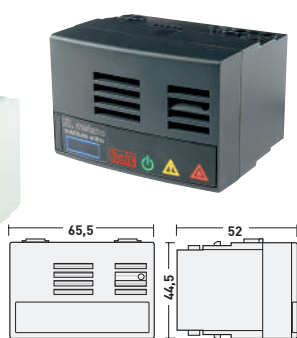


REPLACEABLE SENSOR MODULE

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B10-DM03	Gas detector 230 V - wall - CO	1	1	4
B10-DM03LE*	Gas detector - wall - battery - CO	1	1	4

Residential gas detectors

HL flush mounted gas detectors



3 modules (22,5 mm pitch)

It can be installed without additional accessories on the following frames and plates:

BTICINO*: Light - Living International - Luna
Light Tech - Living Light
VIMAR*: Plana - Eikon - Eikon Next - Arkè
AVE*: Life - Domus - Allumia - Tekla
SIMON URMET*: Nea
MASTER*: Modo

* BTICINO, VIMAR, AVE, SIMON URMET and MASTER are registered trademarks of the respective companies.

HL built-in gas detectors compliant with the CEI 216-8 Standard for methane and LPG, use a catalytic type sensor inserted in a highly reliable electronic control circuit. Designed and tested in compliance with the CEI 216-8 standard to intervene only in the presence of a specific concentration of combustible gas in the air, they resist common vapors and interfering substances normally present in domestic environments and guarantee high stability to variations in temperature and humidity. These features avoid the adoption of particular measures or the exclusion of the detector while cooking food.

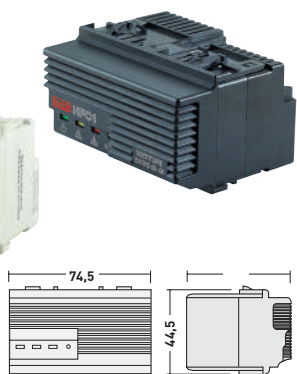
Each HL detector, after a rigorous test, is individually calibrated with sample gas to intervene at 10% of the Lower Explosivity Limit (L.I.E.). Thanks to their reliability, if used and installed according to the instructions in the user manual, they will intervene, in the event of a gas leak, for at least 5 years without causing false alarms.

The HL gas detectors are equipped with self-diagnosis thanks to which the detector is able to signal the fault condition with a yellow LED and by turning on a blue light, around the expiry plate, the passing and reaching of 5 years of operation continuous expected before the detector replacement. The "HL" gas detector is equipped with a powerful acoustic warning device and a dry contact relay for controlling a solenoid valve.

CEI 216-8 compliant

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B10-HL1	Gas detector 230 V - flush mounted - METHANE - black	1	8	16
B10-HL1/B	Gas detector 230 V - flush mounted - METHANE white	1	1	8
B10-HL2	Gas detector 230 V - flush mounted - L.P.G. black	1	1	8
B10-HL2/B	Gas detector 230 V - flush mounted - L.P.G. white	1	1	8

HF flush mounted gas detectors



3 modules (25 mm pitch)

It can be installed without additional accessories on the following frames and plates:

ABB* Èlos series
BTICINO*: Living series
GEWISS*: Playbus series
VIMAR*: Idea series

* ABB, BTICINO, GEWISS, VIMAR are registered trademarks of the respective companies.

For standard modules (except LIVING INTERNATIONAL)

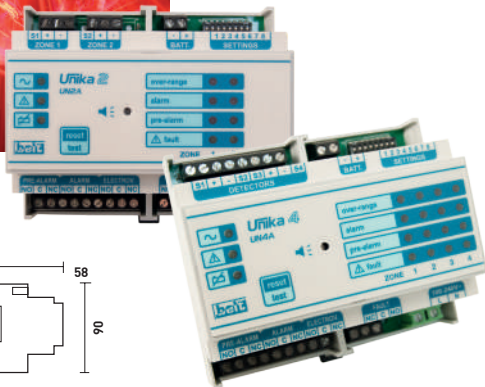
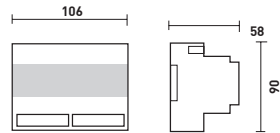
The HF series gas detectors combine an elevated reliability to the versatility and practicality of a universal flush mounting system. In fact, a complete gas detector with power supplier and relay is embedded in only three standard modules (75x45).

Besides the HF series gas detectors can be mounted on the most common frames, without the need of external accessories or adapters.

CEI 216-8 compliant

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B10-HFC1	Gas detector 230 V - flush mounted - METHANE - black	1	1	1
B10-HFC1/B	Gas detector 230 V - flush mounted - METHANE white	1	1	1
B10-HFC2	Gas detector 230 V - flush mounted - L.P.G. black	1	1	1
B10-HFC2/B	Gas detector 230 V - flush mounted - L.P.G. white	1	1	1

UNIKA for DIN rail installation



The **UNIKA** control units serie has been designed to meet the technical and functional needs of different applications in industrial, tertiary and thermal power plants, in cases where it is necessary to monitor any presence of combustible or toxic gases in the environment.

The control unit replaces the previous **WP / DIN**, includes all the functions previously present to which it adds many new functions, such as pre-alarm and fault relays and complete functional configurability through dip-switches.

The **UNIKA** control panels are compatible with all the threshold detectors in the BELT catalog (FLY, WPD12Mx, WPD12BR / Mx and WPDBR / CA3) and with any linear detector 4 ÷ 20mA with a maximum full scale of 50% LEL.

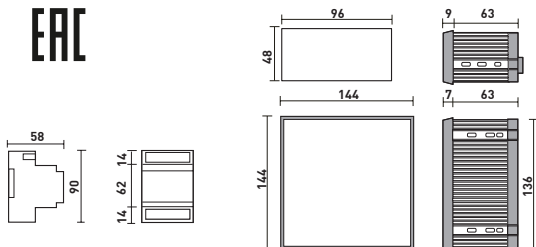
The presence of pre-alarm, alarm and fault relays, as well as a dedicated alarm relay to control a solenoid valve, allows great flexibility of use.

Features

- Low consumption switching power supply with integrated protection for overload and short circuit
- Compatible with FLY and WPD threshold gas detectors
- Display of "end of life of CK sensor module" (only for FLY)
- Compatible with 4 ÷ 20mA linear gas detectors
- Compatible with smoke detectors and emergency buttons
- Power supply and battery charger unit with reverse polarity protection and periodic battery test
- Pre-alarm, alarm, solenoid valve and fault relay outputs
- Relays configurable as status or memory
- Solenoid valve control relay configurable as: powered at rest or de-powered at rest
- Test / reset button
- Buzzer >70 dB(A) at 1 m
- Power supply: 100÷240 Vca 50/60 Hz
- Output power: 13,8 Vdc stabilized with short-circuit and overload protection
- Battery type: 12 V 7,2 Ah external (optional)
- Dimensions: 6 DIN modules
- Gas detectors for line: 1 (with thresholds or linear 4 ÷ 20 mA)
- Fire detectors for line: up to 10 (only on line 1)
- Emergency buttons for line: up to 10 (only on line 1)

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B20-UN2A	UNIKA 2 - Control unit DIN rail - 2 inputs for 2 gas detectors	1	1	3
B20-UN4A	UNIKA 4 - Control unit DIN rail - 4 inputs for 4 gas detectors	1	1	3

ASTRA for DIN rail and rear panel mounted



ASTRA control units have been developed to be used for gas detection in industry, tertiary areas and boiler rooms where a continuous monitoring for combustible gases (methane or L.P.G.) is needed.

AS1A and **AS2A** models can operate respectively 1 or 2 FLY gas detectors. Those models can be mounted on DIN rail (3 modules).

AS1B and **AS2B** models are identical to the previous ones, but are inserted in a low profile housing for rear panel (48x96) mounting.

Finally, **AS2C**, **AS4C** and **AS6C** models are inserted in a low profile housing for rear panel (144x144) mounting, and can operate respectively 2, 4 or 6 FLY gas detectors.

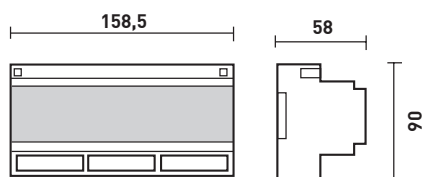
Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B20-AS1A	ASTRA control unit - 3 mod. DIN rail - for 1 FLY detector	1	1	3
B20-AS2A	ASTRA control unit - 3 mod. DIN rail - for 2 FLY detectors	1	1	3
B20-AS1B	ASTRA control unit - rear panel 48x96 - for 1 FLY detector	1	1	3
B20-AS2B	ASTRA control unit - rear panel 48x96 - for 2 FLY detectors	1	1	3
B20-AS2C	ASTRA control unit - rear panel 144x144 - for 2 FLY detectors	1	1	1
B20-AS4C	ASTRA control unit - rear panel 144x144 - for 4 FLY detectors	1	1	1
B20-AS6C	ASTRA control unit - rear panel 144x144 - for 6 FLY detectors	1	1	1

Gas detection control units

■ MODULA 4 control unit up to 4 gas detectors



MODULA4



MODULA 4 is a specifically designed detection center in order to be used in all applications within the monitoring and control of areas to be protected from gas leaks flammable or from the presence of toxic gases.

The control unit is equipped with 4 analog inputs $4 \div 20$ mA on board which it is possible to connect standard gas detectors with proportional in output current. The control panel is also equipped with 1 zone relay output for each detector (4 total), 1 general alarm output, and 1 auxiliary output freely programmable.

The zone outputs can be associated with any of the thresholds alarm (Alarm 1, Alarm 2, Alarm 3, Full scale +), or at single detector failure. The alarm output can also be associated with any threshold of system alarm. The auxiliary output can be associated with several conditions.

The large backlit graphic display allows you to view in a way clear the gas concentration measured by the detectors and the thresholds of alarm of each detector. The control unit programming takes place with the use of 5 buttons navigation and an intuitive user menu.

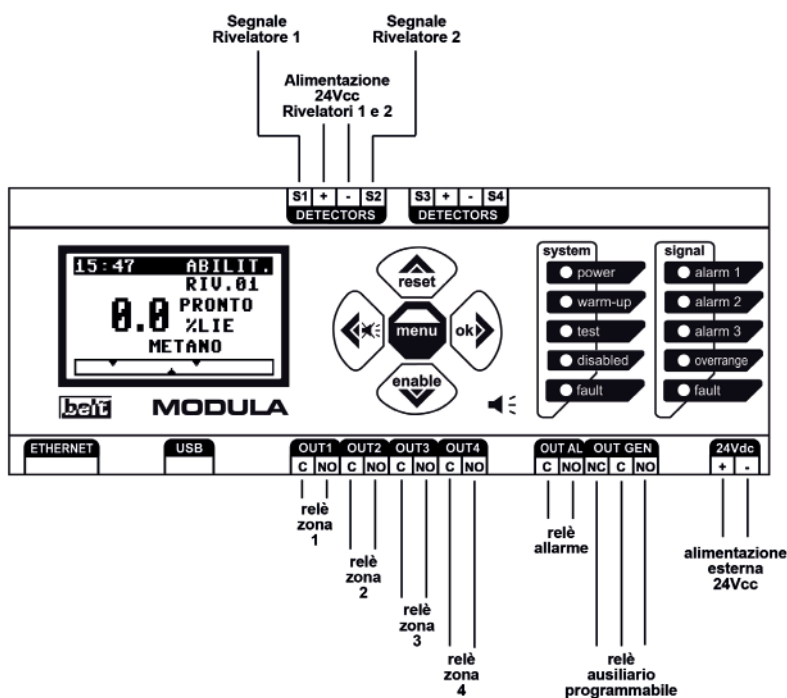
Some LEDs are also available on the front for viewing immediate condition of the control panel and detectors. The control unit is made in a container for DIN rail mounting, a 9 modules.

The mains power supply takes place by means of an external power supply 230/24Vcc (not included).

Compliant:
EN 50545-1, EN 45544-2, EN 60079-29-1, EN 50271, SIL1

Features

- Power supply: 24 Vdc with short circuit protection and over-load
- Up to 4 linear detectors $4 \div 20$ mA
- Inputs protected against short circuit and overload
- 3 programmable alarm thresholds for each detector
- TWA alarm thresholds for calculating exposure levels TWA and STEL
- 4 zone relays, 1 alarm relay
- 1 fully programmable auxiliary relay
- Simple and intuitive configuration thanks to the graphic display
- Default programs for the most common applications
- 2 access levels password protected
- Non volatile event memory (999 events organized by type)

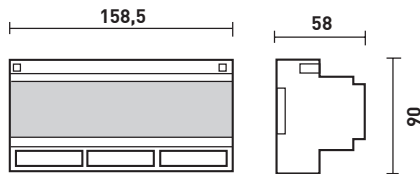


Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B30-MODULA4	Gas detection control unit up to 4 gas detectors	1	1	1

MODULA 8 control unit up to 8 gas detectors



MODULA 8



MODULA 8 is a programmable control unit, to which it is possible to connect from 8 linear detectors 4÷20 mA for continuous monitoring of the presence in the the air/environment of toxic gases, combustibile gases and oxygen deficiency/excess.

The control unit is perfectly suited to any gas detection application in the industrial sector, including applications in the field of gas detection in car parks thanks to its compliance with the EN50545-1 standard, which provides alarm thresholds calculated based on the average concentration of gas present in the environment.

The graphic display and the numerous default programs allow the control unit to be configured and put into service very quickly. The graphic display of the gas concentration and alarm thresholds provides a clear and immediate indication of the level of danger of any gas present in the environment.

The control unit is programmed using 5 navigation buttons and an intuitive user menu.

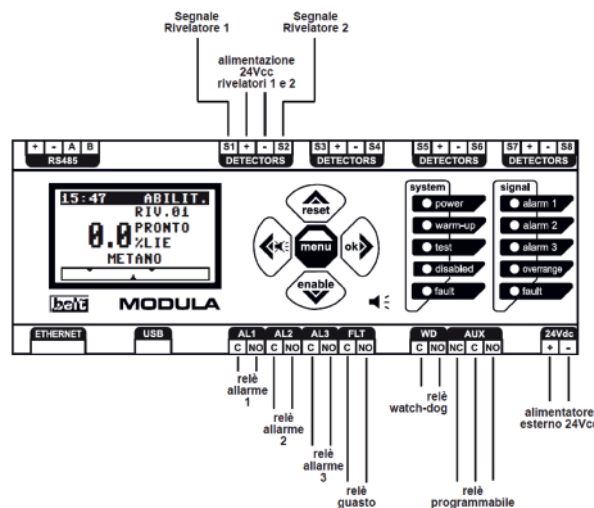
Some LEDs are also available on the front for immediate display of the condition of the control panel and detectors. The control unit is made in a 9-module DIN bar mounting container.

The mains power supply is via an external 230/24 Vdc power supply (not included).

Compliant:
EN 50545-1, EN 45544-2, EN 60079-29-1, EN 50271, SIL1

Features

- Power supply: 24 Vdc with short circuit protection and overload
- Up to 8 linear detectors 4÷20 mA
- Inputs protected against short circuit and overload
- 3 programmable alarm thresholds for each detector
- TWA alarm thresholds for calculating exposure levels TWA and STEL
- Suitable for deficiency oxygen detectors
- 3 alarm relay, 1 fault relay, 1 watchdog relay
- 1 fully programmable auxiliary relay
- Simple and intuitive configuration thanks to the graphic display
- Default programs for the most common applications
- 2 access levels password protected
- Non volatile event memory (999 events organized by type)



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B30-MODULA8	Gas detection control unit up to 8 gas detectors	1	1	1

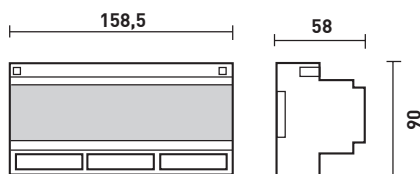
Gas detection control units

■ MODULA 40 control unit up to 40 gas detectors (8+32)



MODULA 40

Product available for SYSTEM INTEGRATION by **XELIND**



MODULA 40 is a programmable control unit, to which it is possible to connect from 8 linear detectors 4÷20 mA up to 32 gas detectors for continuous monitoring of the presence in the the air/environment of toxic gases, combustible gases and oxygen deficiency/excess.

The control unit is perfectly suited to any gas detection application in the industrial sector, including applications in the field of gas detection in car parks thanks to its compliance with the EN50545-1 standard, which provides alarm thresholds calculated based on the average concentration of gas present in the environment.

The graphic display and the numerous default programs allow the control unit to be configured and put into service very quickly. The graphic display of the gas concentration and alarm thresholds provides a clear and immediate indication of the level of danger of any gas present in the environment.

The control unit is programmed using 5 navigation buttons and an intuitive user menu.

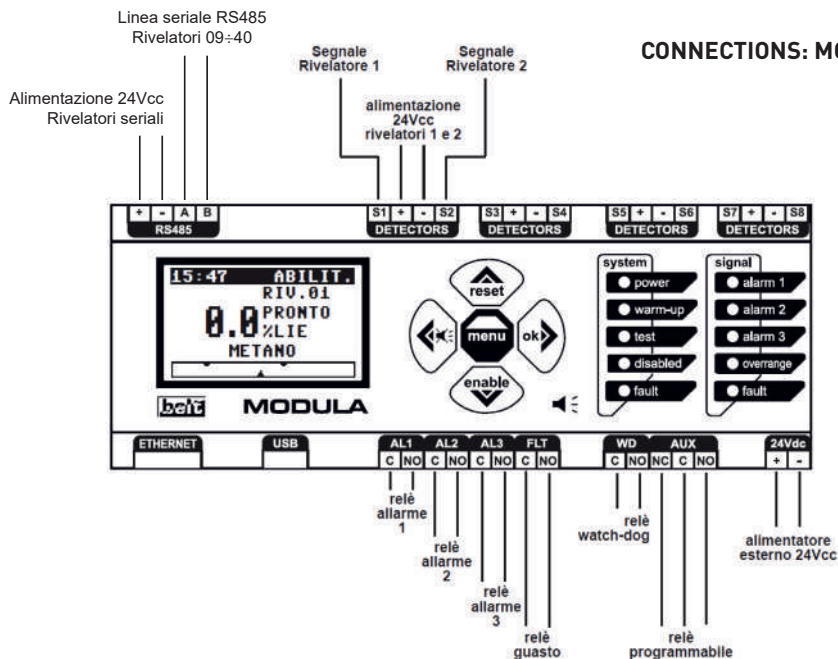
Some LEDs are also available on the front for immediate display of the condition of the control panel and detectors. The control unit is made in a 9-module DIN bar mounting container.

The mains power supply is via an external 230/24 Vdc power supply (not included).

Compliant:
EN 50545-1, EN 45544-2, EN 60079-29-1, EN 50271, SIL1

Features

- Power supply: 24 Vdc with short circuit protection and overload
- Up to 8 linear detectors 4÷20 mA
- Up to 32 serial detectors RS485 line
- Inputs protected against short circuit and overload
- 3 programmable alarm thresholds for each detector
- TWA alarm thresholds for calculating exposure levels TWA and STEL
- Suitable for deficiency oxygen detectors
- 3 alarm relay, 1 fault relay, 1 watchdog relay
- 1 fully programmable auxiliary relay
- Simple and intuitive configuration thanks to the graphic display
- Default programs for the most common applications
- 2 access levels password protected
- Non volatile event memory (999 events organized by type)



CONNECTIONS: MODULA 40 - MODULA 128

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B30-MODULA40	Gas detection control unit up to 40 gas detectors	1	1	1

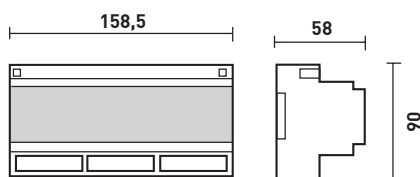


MODULA 128 control unit up to 136 gas detectors (8+128)



MODULA¹²⁸

Product available for SYSTEM INTEGRATION by **XELIND**



Connections: see MODULA 40 drawing

MODULA 128 is a programmable control unit, to which it is possible to connect from 8 linear detectors 4÷20 mA up to 136 gas detectors (128 serial detectors on RS485 line + 8 linear detectors 4÷20 mA) for continuous monitoring of the presence in the the air/environment of toxic gases, combustible gases and oxygen deficiency/excess.

The control unit is perfectly suited to any gas detection application in the industrial sector, including applications in the field of gas detection in car parks thanks to its compliance with the EN50545-1 standard, which provides alarm thresholds calculated based on the average concentration of gas present in the environment.

The graphic display and the numerous default programs allow the control unit to be configured and put into service very quickly. The graphic display of the gas concentration and alarm thresholds provides a clear and immediate indication of the level of danger of any gas present in the environment.

The control unit is programmed using 5 navigation buttons and an intuitive user menu.

Some LEDs are also available on the front for immediate display of the condition of the control panel and detectors. The control unit is made in a 9-module DIN bar mounting container.

The mains power supply is via an external 230/24 Vdc power supply (not included).

Compliant:
EN 50545-1, EN 45544-2, EN 60079-29-1, EN 50271, SIL1

Features

- Power supply: 24 Vdc with short circuit protection and overload
- Up to 8 linear detectors 4÷20 mA
- Up to 128 serial detectors RS485 line
- Inputs protected against short circuit and overload
- 3 programmable alarm thresholds for each detector
- TWA alarm thresholds for calculating exposure levels TWA and STEL
- Suitable for deficiency oxygen detectors
- 3 alarm relay, 1 fault relay, 1 watchdog relay
- 1 fully programmable auxiliary relay
- Simple and intuitive configuration thanks to the graphic display
- Default programs for the most common applications
- 2 access levels password protected
- Non volatile event memory (999 events organized by type)

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B30-MODULA128	Gas detection control unit up to 136 gas detectors	1	1	1

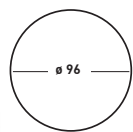
POWER SUPPLIES for MODULA control units



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B98-ALD2420BAT	Power supplier DIN - 230 V 24 V 2 A + battery charge	1	1	1
B98-ALD2425MW	Power supplier DIN - 230 V 24 V 2,5 A	1	1	1
B98-ALD2422MWBAT	Power supplier DIN - 230 V 24 V 2,25 A + battery charge	1	1	1
B98-ALD2425MWHDR-60-24	Power supplier DIN - 230 V 24 V 2,5 A HDR 60-24	1	1	1

WPDS/CA3S

CO gas detector with replaceable sensor module



IP55



REPLACEABLE SENSOR MODULE

Product available for SYSTEM INTEGRATION by



The **WPDS/CA3S** carbon monoxide detectors, they use professional electrochemical sensor.

They are designed to be connected to analytic control panels with 4÷20 mA inputs (like MODULA 4 and MODULA 8) or to digital control panels via RS485 serial connection (like MODULA 40 and MODULA 128).

WPDS detectors are suitable for use in all industrial and commercial applications where the detection of low concentrations of carbon monoxide (CO) in the air is required.

WPDS detectors are particularly suitable for CO detection in covered or underground car parks, garages and thermal power plants.

The **WPDS/CA3S** is equipped with a sensor module that use a high quality and precision electrochemical cell combined with an industrial type control electronics. The replaceable module sensor of the WPDS / CA3S allows for fast and reliable system maintenance and has a normal service life of 5 years.

The PC/ABS plastic container gives the detector a high mechanical resistance.

Thanks to the high selectivity, the **WPDS/CA3S** detectors are resistant to non-combustible gases or vapours often present in industrial environments.

Compliant:

EN50270, EN50271, EN50545-1, EN45544-4

Features

- Linear communication line 4÷20 mA (3 wires) and digital RS485
- Wide range of power supply (10÷30 Vdc)
- Electrochemical sensor
- Low energy detector
- Corrosion and impact resistant PC/ABS container
- Degree of protection IP55
- Fault signalling during stabilization time or in case of sensor failure
- Standard version for 1 type of gas and on request with different measuring ranges
- Applications: Industry, tertiary, underground parking, garages, craft and school laboratories, kitchens, canteens, catering, detection of gas leaks near gas powered hot air generators, thermal power plants, chemical laboratories

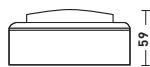
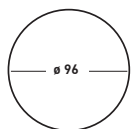
Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B20-WPDS/CA3S	Gas detector IP55 10/30 V 0/300 ppm CO with CA3S replaceable sensor module	1	1	3

WPDS/CAX gas detectors

with replaceable sensor module CAX



REPLACEABLE SENSOR MODULE



IP55

The WPDS/CAx series combustible gas detectors use professional catalytic sensors.

They are designed to be connected to analytic control panels with 4÷20 mA inputs (like MODULA 4 and MODULA 8) or to digital control panels via RS485 serial connection (like MODULA 40 and MODULA 128).

WPDS detectors are suitable for use in all industrial and commercial applications where the detection of combustible gases is required.

WPDS detectors are particularly suitable for the detection of combustible gases in covered or underground car parks, garages and thermal power stations.

The sensor module of the WPDS / CAx uses a high quality and precision catalytic sensor combined with industrial-type control electronics, it is replaceable to allow rapid and reliable maintenance of the systems and has a operating life of 5 years.

The PC/ABS plastic container gives the detector a high mechanical resistance.

Thanks to the high selectivity, the WPDS / CAx detectors are resistant to interfering gases or combustible vapours often present in industrial environments.

Compliant:
EN50270, EN50271, EN50545-1, EN45544-4

Product available for
SYSTEM INTEGRATION by **XELIND**

Features

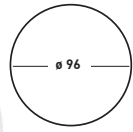
- Linear transmitter 4÷20 mA (3 wires) and digital RS485
- Wide range of supply voltage (10÷30 Vdc)
- Catalytic sensor
- Low energy detector
- Corrosion and impact resistant PC/ABS plastic container
- Degree of protection IP55
- Fault signalling during preheating or in case of sensor failure
- Standard versions for 4 types of gas and versions for gas and / or with different measuring ranges on request
- Applications: industry, tertiary, underground parking, garages, craft and school laboratories, kitchens, canteens, catering, detection of gas leaks near gas-fired hot air generators, thermal power plants, chemical laboratories

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B20-WPDS/CA1	Serial Gas detector IP55 10/30V - METHANE	1	1	3
B20-WPDS/CA2	Serial Gas detector IP55 10/30V - LPG	1	1	3
B20-WPDS/CA4	Serial Gas detector IP55 10/30V - HYDROGEN	1	1	3
B20-WPDS/CA5	Serial Gas detector IP55 10/30V - GASOLINE VAPOUR	1	1	3
B20-WPDS/CA6	Serial Gas detector IP55 10/30V - PROPANE	1	1	3
B20-WPDS/CA7	Serial Gas detector IP55 10/30V - BUTANE	1	1	3
B20-WPDS/CA8	Serial Gas detector IP55 10/30V - ETHYLENE	1	1	3
B20-WPDS/CA9	Serial Gas detector IP55 10/30V - ETHANOL	1	1	3
B20-WPDS/CA10	Serial Gas detector IP55 10/30V - METHANOL	1	1	3
B20-WPDS/CA11	Serial Gas detector IP55 10/30V - ACETYLENE	1	1	3
B20-WPDS/CA12	Serial Gas detector IP55 10/30V - PENTANO	1	1	3
B20-WPDS/CA13	Serial Gas detector IP55 10/30V - AMMONIA	1	1	3
B20-WPDS/CA14	Serial Gas detector IP55 10/30V - TOLUENE	1	1	3
B20-WPDS/CA15	Serial Gas detector IP55 10/30V - XYLOL	1	1	3
B20-WPDS/CA16	Serial Gas detector IP55 10/30V - ACETONE	1	1	3
B20-WPDS/CA17	Serial Gas detector IP55 10/30V - HEXANE	1	1	3
B20-WPDS/CA18	Serial Gas detector IP55 10/30V - ETHANE	1	1	3
B20-WPDS/CA19	Serial Gas detector IP55 10/30V - METHYLETHYLKETONE	1	1	3
B20-WPDS/CA20	Serial Gas detector IP55 10/30V - CYCLOPENTANE	1	1	3
B20-WPDS/CA21	Serial Gas detector IP55 10/30V - PROPYLENE	1	1	3
B20-WPDS/CA22	Serial Gas detector IP55 10/30V - ISOBUTANE	1	1	3

■ WPDS/CO₂ CO₂ gas detector with replaceable sensor module



REPLACEABLE SENSOR MODULE



IP55

The **WPDS / CO₂** carbon dioxide detectors, use a professional infrared sensor.

They are designed to be connected to analytic control panels with 4÷20 mA inputs (like MODULA 4 and MODULA 8) or to digital control panels via RS485 serial connection (like MODULA 40 and MODULA 128).

The **WPDS** detectors are suitable for use in industrial, commercial environments and in all those places where a leak or an anomalous concentration of CO₂ carbon dioxide can constitute a danger to people or to a deterioration for things.

In particular, these detectors are suitable for CO₂ detection in mineral water bottling industries, purifiers, mix and ferment plants, farms, cellars, greenhouses for plants and flowers.

The PC/ABS plastic container gives the detector a high mechanical resistance.

Thanks to the high selectivity, the **WPDS / CO₂** detectors are resistant to non-combustible gases or vapours often present in industrial environments..

Compliant:
EN50270, EN50271, EN50545-1, EN45544-4

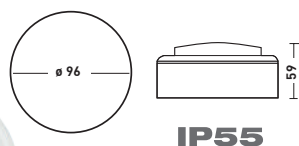
Features

- Linear transmitter 4÷20 mA (3 wires) and digital RS485
- Wide range of supply voltage (10÷30 Vdc)
- Infrared sensor
- Low energy detector
- Corrosion and impact resistant PC/ABS container
- Degree of protection IP55
- Fault signalling during preheating or in case of sensor failure
- Standard version for 1 type of gas and on request with different measuring ranges
- Applications: industry, tertiary, mineral water bottling industries, purifiers, mix plants and fermentations, farms, cellars, greenhouses for plants and flowers

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B20-WPDS/CO₂	Gas detector IP55 10/30 V range 0-10000 ppm CO ₂ serial	1	1	3

FLY

combustible gas detectors with plug-in replaceable sensor module CK



FLY gas detectors have been developed to be used for gas detection in industry, tertiary areas and boiler rooms where a continuous monitoring for combustible gases (methane or L.P.G.) is needed.

The detectors use an highly selective catalytic bead sensor and are provided of a single threshold output. The alarm level is set to 10% of L.E.L.

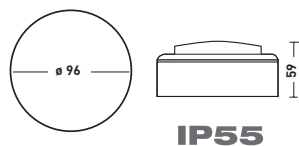
The plug-in replaceable sensor module extends the detectors life to 12 years, replacing the module every 4 years.



REPLACEABLE SENSOR MODULE

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B20-FLC1	Gas detector IP55 12 V con modulo CK1 METHANE	1	3	12
B20-FLC2	Gas detector IP55 12 V con modulo CK1 LPG	1	1	3

WPD/CA3 nivelatori di CO con modulo sostituibile CA3



WPDBR/CA3 - Fixed thresholds current output

WPDBR/CA3 gas detector is suited for all industrial and tertiary applications where detection of low concentrations of carbon monoxide (CO) is needed.

WPDBR/CA3 is particularly suited for carbon monoxide (CO) detection in car parks and garages.

The CA3 replaceable sensor module fitted inside the B20-WPDBR/CA3 detector is equipped with an high-quality and high-precision electrochemical cell combined with an industrial type electronic control circuit which guarantees a fast and reliable maintenance of plants.

The CA3 replaceable sensor module has a typical operating life of 5 years. The detector counts the working time of the module and advises in advance the need to replace the sensor module by means of a blue led blinking.

The wide supply voltage range (10÷30 Vdc) allows the detector to be used with both 12V and 24V control units. The solid IP55 enclosure protects the detector against dust and water.

WPDL/CA3 - Linear output 4 + 20 mA

WPDL/CA3 detectors are suited for all industrial and tertiary applications where the detection of low concentrations of carbon monoxide (CO) is needed.

WPDL/CA3 detectors are particularly indicated for carbon monoxide (CO) detection in car parks and garages.

The CA3 replaceable plug-in sensor module fitted inside the B20-WPDL/CA3 detectors is equipped with an highquality and high-precision electrochemical cell combined with an industrial type electronic control circuit which guarantees a fast and reliable maintenance of plants.

The CA3 replaceable sensor module has a typical operating life of 5 years. The detector counts the working time of the module and advises in advance the need to replace the sensor module by means of a blue led blinking.

The wide supply voltage range (10 + 30 Vdc) allows the detector to be used with both 12V and 24V control units.

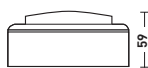
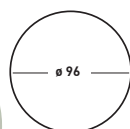
The solid IP55 enclosure protects the detector against dust and water.



REPLACEABLE SENSOR MODULE

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B20-WPDBR/CA3	CO gas detector IP55 10/30 V 50/100 ppm CO	1	1	3
B20-WPDL/CA3	CO gas detector IP55 10/30 V 0/300 ppm CO 4-20 MA	1	1	3

■ WPD/MOS combustible gas detectors with replaceable MOS sensor module



IP55



REPLACEABLE SENSOR MODULE

* Except for WPD SERIES detectors

The **WPD/MOS** line of gas detectors is available for various combustible gases. The **WPD/MOS** detectors are equipped with a replaceable MOS sensor which allows for simple and quick maintenance.

The detectors are available in different versions at 12 Vdc or 24 Vdc, all models are equipped with two fixed current thresholds.

The **WPD/MOS/BR** models can also be used without being connected to a control panel thanks to the integrated alarm relay and buzzer.

The **RIL version models** are equipped with a current output compatible with some of the most popular analogue gas detection control panels of leading brands producing fire prevention systems. The detectors with MOS module for combustible gases are calibrated with thresholds at 6/10% of the L.I.E.

NOTE: these models are not compatible with ASTRA control panels

Power supply 12 V

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B20-WPD12/M1	Gas detector IP55 12 V - MOS1 METHANE	1	3	12
B20-WPD12/M2	Gas detector IP55 12 V - MOS2 L.P.G.	1	1	3
B20-WPD12/M4	Gas detector IP55 12 V - MOS4 HYDROGEN	1	1	3
B20-WPD12/M5	Gas detector IP55 12 V - MOS5 GASOLINE VAPORS	1	1	3

Power supply 24 V

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B20-WPD24/M1	Gas detector IP55 24 V - MOS1 METHANE	1	1	12
B20-WPD24/M2	Gas detector IP55 24 V - MOS2 L.P.G.	1	1	3
B20-WPD24/M4	Gas detector IP55 24 V - MOS4 HYDROGEN	1	1	3
B20-WPD24/M5	Gas detector IP55 24 V - MOS5 GASOLINE VAPORS	1	1	3

Power supply 12 V + buzzer and relay

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B20-WPD12BR/M1	Gas detector IP55 12 V - relay - MOS1 METHANE	1	1	3
B20-WPD12BR/M2	Gas detector IP55 12 V - relay - MOS2 L.P.G.	1	1	3
B20-WPD12BR/M4	Gas detector IP55 12 V - relay - MOS4 HYDROGEN	1	1	3
B20-WPD12BR/M5	Gas detector IP55 12 V - relay - MOS5 GASOLINE VAPORS	1	1	3

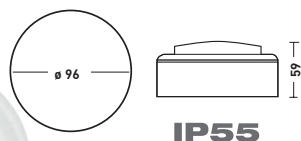
Power supply 24 V + buzzer and relay

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B20-WPD24BR/M1	Gas detector IP55 24 V - relay - MOS1 METHANE	1	1	3
B20-WPD24BR/M2	Gas detector IP55 24 V - relay - MOS2 L.P.G.	1	1	3
B20-WPD24BR/M4	Gas detector IP55 24 V - relay - MOS4 HYDROGEN	1	1	3
B20-WPD24BR/M5	Gas detector IP55 24 V - relay - MOS5 GASOLINE VAPORS	1	1	3

Power supply 24 V + buzzer relay with special current output RIL version

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B20-WPDRIL24BR/M1	Gas detector IP55 24 V - relay - MOS1 METHANE	1	1	3
B20-WPDRIL24BR/M2	Gas detector IP55 24 V - relay - MOS2 L.P.G.	1	1	3
B20-WPDRIL24BR/M4	Gas detector IP55 24 V - relay - MOS4 HYDROGEN	1	1	3
B20-WPDRIL24BR/M5	Gas detector IP55 24 V - relay - MOS5 GASOLINE VAPORS	1	1	3

■ WPD/CAL combustible gas detectors



The **WPD/CAL** series combustible gas detectors use a catalytic bead sensor coupled with a professional 4÷20 mA linear transmitter.

Despite their accurate performances, the **WPD/CAL** gas detectors are resistant from poisoning caused by non-combustible gases and vapors often present in industrial areas.

The **WPD/CAL** detectors are compliant with the CEI 216/5-3 normative regarding combustible gas detectors used in non-hazardous industrial and tertiary areas, hence in those applications not included in the ATEX 94/9 CE directive.

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B30-WPD/CAL01	Gas detector IP55 4÷20 mA 10/30 V METHANE	1	1	3
B30-WPD/CAL02	Gas detector IP55 4÷20 mA 10/30 V L.P.G.	1	1	3
B30-WPD/CAL04	Gas detector IP55 4÷20 mA 10/30 V HYDROGEN	1	1	3
B30-WPD/CAL05	Gas detector IP55 4÷20 mA 10/30 V GASOLINE VAPORS	1	1	3
B30-WPD/CAL06	Gas detector IP55 4÷20 mA 10/30 V PROPANE	1	1	3
B30-WPD/CAL07	Gas detector IP55 4÷20 mA 10/30 V BUTANE	1	1	3
B30-WPD/CAL09	Gas detector IP55 4÷20 mA 10/30 V ETHANOL	1	1	3
B30-WPD/CAL10	Gas detector IP55 4÷20 mA 10/30 V METHANOL	1	1	3
B30-WPD/CAL11	Gas detector IP55 4÷20 mA 10/30 V ACETYLENE	1	1	3
B30-WPD/CAL12	Gas detector IP55 4÷20 mA 10/30 V PENTANE	1	1	3
B30-WPD/CAL16	Gas detector IP55 4÷20 mA 10/30 V ACETONE	1	1	3
B30-WPD/CAL17	Gas detector IP55 4÷20 mA 10/30 V HEXANE	1	1	3
B30-WPD/CAL18	Gas detector IP55 4÷20 mA 10/30 V ETHANE	1	1	3
B30-WPD/CAL22	Gas detector IP55 4÷20 mA 10/30 V ISOBUTANE	1	1	3

■ IRON/CAL



combustible gas detectors LINEAR/4÷20 mA body in corrosion resistant aluminium alloy IP65

IRON The **IRON/CAL** series combustible gas detectors use professional catalytic sensors.

IP65*

They are designed to be connected to analytic control panels with 4÷20 mA inputs (like MODULA 4 and MODULA 8) or to digital control panels via RS485 serial connection (like MODULA 40 and MODULA 128). IRON detectors are suitable for use in all industrial and commercial applications where the detection of combustible gases is required. IRON detectors are particularly suitable for the detection of combustible gases in covered or underground car parks, garages and thermal power stations.

The head of the **IRON/CAX** sensor module uses a high quality and precision catalytic sensor combined with industrial-type control electronics, it is replaceable to allow rapid and reliable maintenance of the systems and has a operating life of 5 years.

The aluminium alloy container makes the detector particularly suitable for environments with strong chemical aggression, including the marine aggression, giving it a high mechanical resistance.

Thanks to the high selectivity, the **IRON/CAX** detectors are resistant to interfering gases or combustible vapours often present in industrial environments.

The detectors comply with the CEI 216/5-3 standard for combustible gas detectors used in industrial and commercial environments.

Compliant:
EN50270, EN50271, EN50545-1, EN45544-4

Product available for
SYSTEM INTEGRATION by **XELIND**

Features

- Linear transmitter 4÷20 mA (3 wires) and digital RS485
- Wide range of supply voltage (10÷30 Vdc)
- Catalytic sensor
- Low energy detector
- Corrosion and impact resistant aluminium container
- Degree of protection IP65* (metallic container)
- Fault signalling during preheating or in case of sensor failure
- Standard versions for 21 types of gas and versions for gas and / or with different measuring ranges on request
- Applications: industry, tertiary, underground parking, garages, craft and school laboratories, kitchens, canteens, catering, detection of gas leaks near gas-fired hot air generators, thermal power plants, chemical laboratories

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B40-IRON/CAL01	Gas detector - IP65 - 4÷20 mA 10/30 V - METHANE	1	1	1
B40-IRON/CAL02	Gas detector - IP65 - 4÷20 mA 10/30 V - LPG	1	1	1
B40-IRON/CAL04	Gas detector - IP65 - 4÷20 mA 10/30 V - HYDROGEN	1	1	1
B40-IRON/CAL05	Gas detector - IP65 - 4÷20 mA 10/30 V - GASOLINE VAPOUR	1	1	1
B40-IRON/CAL06	Gas detector - IP65 - 4÷20 mA 10/30 V - PROPANE	1	1	1
B40-IRON/CAL07	Gas detector - IP65 - 4÷20 mA 10/30 V - BUTANE	1	1	1
B40-IRON/CAL08	Gas detector - IP65 - 4÷20 mA 10/30 V - ETHYLENE	1	1	1
B40-IRON/CAL09	Gas detector - IP65 - 4÷20 mA 10/30 V - ETHANOL	1	1	1
B40-IRON/CAL10	Gas detector - IP65 - 4÷20 mA 10/30 V - METHANOL	1	1	1
B40-IRON/CAL11	Gas detector - IP65 - 4÷20 mA 10/30 V - ACETYLENE	1	1	1
B40-IRON/CAL12	Gas detector - IP65 - 4÷20 mA 10/30 V - PENTANO	1	1	1
B40-IRON/CAL13	Gas detector - IP65 - 4÷20 mA 10/30 V - AMMONIA	1	1	1
B40-IRON/CAL14	Gas detector - IP65 - 4÷20 mA 10/30 V - TOLUENE	1	1	1
B40-IRON/CAL15	Gas detector - IP65 - 4÷20 mA 10/30 V - XYLLOL	1	1	1
B40-IRON/CAL16	Gas detector - IP65 - 4÷20 mA 10/30 V - ACETONE	1	1	1
B40-IRON/CAL17	Gas detector - IP65 - 4÷20 mA 10/30 V - HEXANE	1	1	1
B40-IRON/CAL18	Gas detector - IP65 - 4÷20 mA 10/30 V - ETHANE	1	1	1
B40-IRON/CAL19	Gas detector - IP65 - 4÷20 mA 10/30 V - METHYLETHYLKETONE	1	1	1
B40-IRON/CAL20	Gas detector - IP65 - 4÷20 mA 10/30 V - CYCLOPENTANE	1	1	1
B40-IRON/CAL21	Gas detector - IP65 - 4÷20 mA 10/30 V - PROPYLENE	1	1	1
B40-IRON/CAL22	Gas detector - IP65 - 4÷20 mA 10/30 V - ISOBUTANE	1	1	1

■ IRON/CA3S

CO combustible gas detector LINEAR/4÷20 mA body in corrosion resistant aluminium alloy IP65



IRON

The **IRON/CA3S** carbon monoxide detectors, use a professional type electrochemical cell sensor.

They are designed to be connected to analytic control panels with **4÷20 mA** inputs (like MODULA 4 and MODULA 8) or to digital control panels via **RS485** serial connection (like MODULA 40 and MODULA 128).

IP65*

IRON detectors are suitable for use in all industrial and commercial applications where the detection of low concentrations of carbon monoxide (CO) in the air is required.

IRON detectors are particularly suitable for CO detection in covered or underground car parks, garages and thermal power plants.

The head of the IRON/CA3S sensor module uses a high quality and precision electrochemical cell combined with an industrial type control electronics. The replaceable head of the IRON /CA3S sensor module allows for fast and reliable system maintenance and has operating life of 5 years.

The aluminium alloy container makes the detector particularly suitable for environments with strong chemical aggression, including the marine one, giving it a high mechanical resistance.

Thanks to the high selectivity, the IRON / CA3S detectors are resistant to non-combustible gases or vapours often present in industrial environments.

Compliant:

EN50270, EN50271, EN50545-1, EN45544-4

Product available for
SYSTEM INTEGRATION by

XELIND

Features

- Linear communication line 4÷20 mA (3wires) and digital RS485
- Wide range of power supply (10÷30 Vdc)
- Electrochemical sensor
- Low energy detector
- Corrosion and impact resistant aluminium container
- Degree of protection IP65 *(metallic container)
- Fault signalling during stabilization time or in case of sensor failure
- Standard version for 1 type of gas and on request with different measuring ranges
- Applications: industry, tertiary, underground parking, garages, craft and school laboratories, kitchens, canteens, catering, detection of gas leaks near gas powered hot air generators, thermal power plants, chemical laboratories

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B40-IRON/CA3S	Gas detector - IP65 - 4÷20 mA 10/30 V - CO	1	1	1

■ IRON/CO2



CO2 gas detector LINEAR/4÷20 mA
body in corrosion resistant aluminium alloy IP65

IRON The **IRON/CO2** carbon dioxide detectors use a professional infrared sensor.

IP65*

They are designed to be connected to analytic control panels with **4÷20 mA** inputs (like MODULA 4 and MODULA 8) or to digital control panels via **RS485** serial connection (like MODULA 40 and MODULA 128).

IRON detectors are suitable for use in industrial, commercial environments and in all those places where a leak or an abnormal concentration of CO2 carbon dioxide can constitute a danger to people or a deterioration of things.

In particular, these detectors are suitable for CO2 detection in mineral water bottling industries, purifiers, mixing and fermentation plants, farms, cellars, greenhouses for plants and flowers.

The aluminium alloy container makes the detector particularly suitable for environments with strong chemical aggression, including marine aggression, giving it high mechanical resistance.

Thanks to the high selectivity, the **IRON/CO2** detectors are resistant to non-combustible gases or vapours often present in industrial environments.

Compliant:
EN50270, EN50271, EN50545-1, EN45544-4

Product available for
SYSTEM INTEGRATION by **XELIND**

Features

- Linear communication line 4÷20 mA (3wires) and digital RS485
- Wide range of power supply (10÷30 Vdc)
- Infrared sensor
- Low energy detector
- Corrosion and impact resistant aluminium container
- Degree of protection IP65 *(metallic container)
- Fault signalling during preheating or in case of sensor failure
- Standard version for 1 type of gas and on request with different measuring ranges
- Applications: industry, tertiary, mineral water bottling industries, purifiers, mix plants and fermentations, farms, cellars, greenhouses for plants and flowers

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B40-IRON/CO2	Gas detector - IP65 - 4÷20 mA 10/30 V - CO2	1	1	1

■ ATX/CAL combustible gas detectors LINEAR/4÷20 mA ATEX (Ex) certified



IP66*

COMPLY TO: ATEX 2014/34/UE IECEx certificates

Product available for
SYSTEM INTEGRATION by **XELIND**

The combustible gas detectors of the ATX / CAL series are ATEX and IECEx certified and with IP68 degree of protection of housing and IP64 degree of protection of sensor module. They use professional catalytic sensors.

They are designed to be connected to analytic control panels with 4 ÷ 20 mA inputs (like MODULA 4 and MODULA 8) or to digital control panels via RS485 serial connection (like MODULA 40 and MODULA 128). ATX detectors are suitable for use in all industrial and commercial applications where the detection of combustible gases is required.

**ATX detectors are certified ATEX and IECEx for gas and dust tight
II 2G Ex db IIC T6 Gb II 2D Ex tb IIIC T=60 C Db**

They are suitable for installation in ATEX classified ZONE 1; areas where explosive atmospheres may be present, during normal operations; they are also suitable for installation in ATEX classified ZONE 2.

They are suitable for the gas detection in refineries, compression stations, pharmaceutical plants, chemical and petrochemical plants, gas turbines, combustible gas deposits and laboratories.

The head of the detector ATX / CAL use a catalytic sensor module of high quality and precision combined with industrial-type control electronics, it is replaceable to allow rapid and reliable maintenance of the systems and has an operating life of 5 years.

The aluminium alloy container makes the detector particularly suitable for environments with strong chemical aggression giving it a high mechanical resistance.

Thanks to the high selectivity, the ATX / CAL detectors are resistant to interfering gases or combustible vapours often present in industrial environments.

Compliant:

EN IEC 60079-0, IEC 60079-1, EN 60079-31

Features

- Linear transmitter 4 ÷ 20 mA (3 wires) and digital RS485
- Wide range of supply voltage (10 ÷ 30 Vdc)
- Catalytic sensor
- Low energy detector
- Corrosion and impact resistant aluminium container
- Degree of protection IP66 *[metallic container]
- Fault signalling during preheating or in case of sensor failure
- Standard versions for 21 types of gas and versions on request for gas and / or with different measuring ranges
- Applications: refineries, compression stations, pharmaceutical plants, chemical and petrochemical plants, gas turbines, combustible gas deposits, laboratories and any other installation in ATEX zone 1 and ATEX zone 2

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B40-ATX/CAL01	Gas detector - Ex IP6X - 10/30 V - METHANE	1	1	1
B40-ATX/CAL02	Gas detector - Ex IP6X - 10/30 V - LPG	1	1	1
B40-ATX/CAL04	Gas detector - Ex IP6X - 10/30 V - HYDROGEN	1	1	1
B40-ATX/CAL05	Gas detector - Ex IP6X - 10/30 V - GASOLINE VAPOUR	1	1	1
B40-ATX/CAL06	Gas detector - Ex IP6X - 10/30 V - PROPANE	1	1	1
B40-ATX/CAL07	Gas detector - Ex IP6X - 10/30 V - BUTANE	1	1	1
B40-ATX/CAL08	Gas detector - Ex IP6X - 10/30 V - ETHYLENE	1	1	1
B40-ATX/CAL09	Gas detector - Ex IP6X - 10/30 V - ETHANOL	1	1	1
B40-ATX/CAL10	Gas detector - Ex IP6X - 10/30 V - METHANOL	1	1	1
B40-ATX/CAL11	Gas detector - Ex IP6X - 10/30 V - ACETYLENE	1	1	1
B40-ATX/CAL12	Gas detector - Ex IP6X - 10/30 V - PENTANO	1	1	1
B40-ATX/CAL13	Gas detector - Ex IP6X - 10/30 V - AMMONIA	1	1	1
B40-ATX/CAL14	Gas detector - Ex IP6X - 10/30 V - TOLUENE	1	1	1
B40-ATX/CAL15	Gas detector - Ex IP6X - 10/30 V - XYLOL	1	1	1
B40-ATX/CAL16	Gas detector - Ex IP6X - 10/30 V - ACETONE	1	1	1
B40-ATX/CAL17	Gas detector - Ex IP6X - 10/30 V - HEXANE	1	1	1
B40-ATX/CAL18	Gas detector - Ex IP6X - 10/30 V - ETHANE	1	1	1
B40-ATX/CAL19	Gas detector - Ex IP6X - 10/30 V - METHYLETHYLKETONE	1	1	1
B40-ATX/CAL20	Gas detector - Ex IP6X - 10/30 V - CYCLOPENTANE	1	1	1
B40-ATX/CAL21	Gas detector - Ex IP6X - 10/30 V - PROPYLENE	1	1	1
B40-ATX/CAL22	Gas detector - Ex IP6X - 10/30 V - ISOBUTANE	1	1	1

Industrial gas detectors

■ **ATX/ECL** ATEX-CO gas detectors SERIAL / 4÷20 mA certified ATEX (Ex)



IP66*

COMPLY TO: ATEX 2014/34/UE IECEx certificates

Product available for
SYSTEM INTEGRATION by **XELIND**

The carbon monoxide gas detectors of the **ATX/ECL** series are **ATEX and IECEx certified** and with IP68 degree of protection of housing and IP64 degree of protection of sensor module. They use professional electrochemical sensor.

They are designed to be connected to analytic control panels with 4÷20 mA inputs (like MODULA 4 and MODULA 8) or to digital control panels via RS485 serial connection (like MODULA 40 and MODULA 128).

ATX detectors are suitable for use in all industrial and commercial applications where the detection of carbon monoxide gas is required.

**ATX detectors are certified ATEX and IECEx for gas and dust tight
II 2G Ex db IIC T6 Gb
II 2D Ex tb IIIC T=60 C Db**

They are suitable for installation in ATEX classified ZONE 1; areas where explosive atmospheres may be present, during normal operations; they are also suitable for installation in ATEX classified ZONE 2.

They are suitable for the gas detection in refineries, compression stations, pharmaceutical plants, chemical and petrochemical plants, gas turbines, carbon monoxide gas deposits and laboratories.

The head of the detector **ATX/ECL** use an electrochemical sensor module of high quality and precision combined with industrial-type control electronics, it is replaceable to allow rapid and reliable maintenance of the systems and has operating life of 5 years.

The aluminium alloy container makes the detector particularly suitable for environments with strong chemical aggression giving it a high mechanical resistance.

Thanks to the high selectivity, the **ATX/ECL** detectors are resistant to interfering gases or combustible vapours often present in industrial environments.

Compliant:
EN IEC 60079-0, IEC 60079-1, EN 60079-31

Features

- Linear transmitter 4 ÷ 20 mA (3 wires) and digital RS485
- Wide range of supply voltage (10 ÷ 30 Vdc)
- Electrochemical sensor
- Low energy detector
- Corrosion and impact resistant aluminium container
- Degree of protection IP66 *(metallic container)
- Fault signalling during stabilization time or in case of sensor failure
- Standard versions for 1 type of gas and versions on request with different measuring ranges
- Applications: refineries, compression stations, pharmaceutical plants, chemical and petrochemical plants, gas turbines, combustible gas deposits, laboratories and any other installation in ATEX zone 1 and ATEX zone 2

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B40-ATX/ECLCL2	Gas detector - Ex IP6X - 10/30 V - CHLORINE	1	1	2
B40-ATX/ECLCO	Gas detector - Ex IP6X - 10/30 V - CO	1	1	1

Gas detectors spare parts

■ **CK** replaceable sensor module for DOMINO and FLY detectors



The CK sensor modules are equipped with a permanent memory in which the production parameters are inserted: type of gas, calibration concentration, production date, serial number, etc. The detector also uses the CK module memory to record sensor operating hours.

The module is used on the entire series of FLY detectors and on DOMINO detectors for combustible gases.

Versions for methane gas and LPG are available.

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B95-CK1	Gas detector replaceable sensor module - METHANE	1	1	1
B95-CK2	Gas detector replaceable sensor module - L.P.G.	1	1	1

CAX

replaceable sensor module
for combustible gas detectors WPDS series



EAC



The **CAX** sensor modules with catalytic sensor offer a high degree of selectivity to interfering agents and are equipped with a permanent memory in which the production parameters are entered: type of gas, calibration concentration, production date, serial number, etc.

The detector also uses the **CAX** module memory to record sensor operating hours.

The **CAX** modules, guaranteeing a life of 5 years, allow you to extend the life of the combustible WPDS series detectors from 5 to 15 years by replacing the module twice.

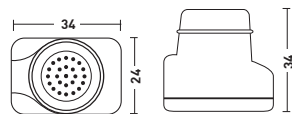
Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B95-CA1	Sensor module replacement - METHANE	1	1	1
B95-CA2	Sensor module replacement - L.P.G	1	1	1
B95-CA4	Sensor module replacement - HYDROGEN	1	1	1
B95-CA5	Sensor module replacement - GASOLINE VAPOUR	1	1	1
B95-CA6	Sensor module replacement - PROPANE	1	1	1
B95-CA7	Sensor module replacement - BUTANE	1	1	1
B95-CA8	Sensor module replacement - ETHYLENE	1	1	1
B95-CA9	Sensor module replacement - ETHANOL	1	1	1
B95-CA10	Sensor module replacement - METHANOL	1	1	1
B95-CA11	Sensor module replacement - ACETYLENE	1	1	1
B95-CA12	Sensor module replacement - PENTANO	1	1	1
B95-CA13	Sensor module replacement - AMMONIA	1	1	1
B95-CA14	Sensor module replacement - TOLUENE	1	1	1
B95-CA15	Sensor module replacement - XYLLOL	1	1	1
B95-CA16	Sensor module replacement - ACETONE	1	1	1
B95-CA17	Sensor module replacement - HEXANE	1	1	1
B95-CA18	Sensor module replacement - ETHANE	1	1	1
B95-CA19	Sensor module replacement - METHYLETHYLKETONE	1	1	1
B95-CA20	Sensor module replacement - CYCLOPENTANE	1	1	1
B95-CA21	Sensor module replacement - PROPYLENE	1	1	1
B95-CA22	Sensor module replacement - ISOBUTANE	1	1	1

CA3

replaceable sensor module
for gas detectors DMO3, DMO3LE and WPD CO



EAC



The **CA3** and **CA3S** sensor modules use the most modern CO measurement technology, namely a professional electrochemical cell. In addition to the circuit for measuring CO, the sensor modules integrate a non-volatile memory where the production parameters, type of gas, calibration concentration, production date, serial number, etc. are recorded. The detectors also use part of the module's memory to record operating hours and other events such as alarms.

The sensor module guarantees a life of 5 years and allows the life of the detectors to be extended from 5 to 15 years by replacing the module twice.

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B95-CA3	Sensor module replacement - electrochemical cell CO	1	1	1
B95-CA3S	Sensor module replacement - electrochemical cell CO	1	1	1

Gas detectors spare parts

■ CO2

replaceable sensor module for gas detectors WPDS CO₂



EAC



The **CO2** sensor module is a measurement unit made with infrared ray technology with very high selectivity which makes it immune to the effects of other gases or interfering chemical agents. The parameters of use, operation and identification of the module are stored in the basic electronic unit of the WPDS series where it is installed, allowing the overall system, thanks to the 5-year life of the sensor module, to extend its operational life to 15 years with 2 replacements of the measurement base.

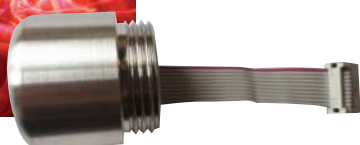
Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B95-C02	Infrared replacement sensor module CO2	1	1	1

■ IRON/CAX

replaceable sensor head for combustible gas detectors IRON series



EAC



The **IRON/CAX** sensor head with catalytic sensor offers a high degree of selectivity to interfering agents and is equipped with a permanent memory in which the production parameters are entered: type of gas, calibration concentration, production date, serial number, etc.

The detector also uses the **IRON/CAX** module memory to record sensor operating hours.

The **IRON/CAX** sensor head guarantees a life of 5 years and allows the life of the IRON/CAL fuel series detectors to be extended from 5 to 15 years by replacing it 2 times.

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B95-IRON/CA1	Replacement gas head - METHANE	1	1	1
B95-IRON/CA2	Replacement gas head - LPG	1	1	1
B95-IRON/CA4	Replacement gas head - HYDROGEN	1	1	1
B95-IRON/CA5	Replacement gas head - GASOLINE VAPOUR	1	1	1
B95-IRON/CA6	Replacement gas head - PROPANE	1	1	1
B95-IRON/CA7	Replacement gas head - BUTANE	1	1	1
B95-IRON/CA8	Replacement gas head - ETHYLENE	1	1	1
B95-IRON/CA9	Replacement gas head - ETHANOL	1	1	1
B95-IRON/CA10	Replacement gas head - METHANOL	1	1	1
B95-IRON/CA11	Replacement gas head - ACETYLENE	1	1	1
B95-IRON/CA12	Replacement gas head - PENTANO	1	1	1
B95-IRON/CA13	Replacement gas head - AMMONIA	1	1	1
B95-IRON/CA14	Replacement gas head - TOLUENE	1	1	1
B95-IRON/CA15	Replacement gas head - XYLOL	1	1	1
B95-IRON/CA16	Replacement gas head - ACETONE	1	1	1
B95-IRON/CA17	Replacement gas head - HEXANE	1	1	1
B95-IRON/CA18	Replacement gas head - ETHANE	1	1	1
B95-IRON/CA19	Replacement gas head - METHYLETHYLKETONE	1	1	1
B95-IRON/CA20	Replacement gas head - CYCLOPENTANE	1	1	1
B95-IRON/CA21	Replacement gas head - PROPYLENE	1	1	1
B95-IRON/CA22	Replacement gas head - ISOBUTANE	1	1	1

IRON/CA3S

replaceable sensor head
gas detector IRON/CO (carbon monoxide)



EAC

The IRON/CA3S sensor modules use the most modern CO measurement technology, namely a professional electrochemical cell. In addition to the circuit for measuring CO, the sensor modules integrate a non-volatile memory where the production parameters, type of gas, calibration concentration, production date, serial number, etc. are recorded.

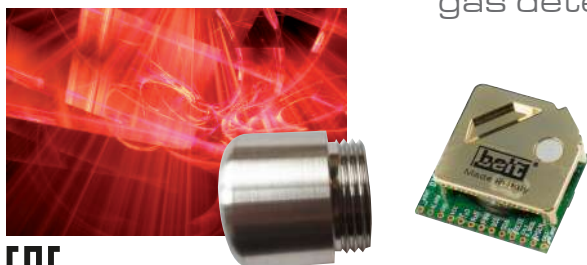
The detectors also use part of the module's memory to record operating hours and other events such as alarms.

The sensor module guarantees a life of 5 years and allows the life of the detectors to be extended from 5 to 15 years by replacing the module twice.

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B95-IRON/CA3S	Replacement gas head - CO	1	1	1

IRON/CO2

replaceable sensor head
gas detector IRON/CO2



EAC

The CO2 sensor module is a measurement unit made with infrared ray technology with very high selectivity which makes it immune to the effects of other gases or interfering chemical agents.

The parameters of use, operation and identification of the module are stored in the basic electronic unit of the IRON series where it is installed, allowing the overall system, thanks to the 5-year lifespan of the sensor module, to extend its operational life to 15 years with 2 replacements of the measurement base.

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B95-IRON/CO2	Replacement gas head - CO2	1	1	1

ATX/CA3S

replaceable sensor head
gas detector ATX series (carbon monoxide)



EAC

The ATX/CA3S sensor modules use the most modern CO measurement technology, namely a professional electrochemical cell. In addition to the circuit for measuring CO, the sensor modules integrate a non-volatile memory where the production parameters, type of gas, calibration concentration, production date, serial number, etc. are recorded.

The detectors also use part of the module's memory to record operating hours and other events such as alarms. The sensor module guarantees a life of 5 years and allows the life of the detectors to be extended from 5 to 15 years by replacing the module twice.

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B95-ATX/CA3S	Replacement gas head - CO	1	1	1

Gas detectors spare parts

■ ATX/CAX

replaceable sensor head
for combustible gas detectors ATX



ERC



The ATX/CAL detector head offers a high degree of selectivity to interfering agents and is equipped with a permanent memory in which the production parameters are entered: type of gas, calibration concentration, production date, serial number, etc.

The detector also uses the ATX/CAX module memory to record sensor operating hours.

The ATX/CAX sensor head guarantees a life of 5 years and allows the life of the ATX/CAL fuel series detectors to be extended from 5 to 15 years by replacing it 2 times.

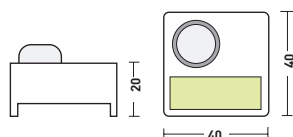
Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B95-ATX/CA1	Replacement gas head - METHANE	1	1	1
B95-ATX/CA2	Replacement gas head - LPG	1	1	1
B95-ATX/CA4	Replacement gas head - HYDROGEN	1	1	1
B95-ATX/CA5	Replacement gas head - GASOLINE VAPOUR	1	1	1
B95-ATX/CA6	Replacement gas head - PROPANE	1	1	1
B95-ATX/CA7	Replacement gas head - BUTANE	1	1	1
B95-ATX/CA8	Replacement gas head - ETHYLENE	1	1	1
B95-ATX/CA9	Replacement gas head - ETHANOL	1	1	1
B95-ATX/CA10	Replacement gas head - METHANOL	1	1	1
B95-ATX/CA11	Replacement gas head - ACETYLENE	1	1	1
B95-ATX/CA12	Replacement gas head - PENTANO	1	1	1
B95-ATX/CA13	Replacement gas head - AMMONIA	1	1	1
B95-ATX/CA14	Replacement gas head - TOLUENE	1	1	1
B95-ATX/CA15	Replacement gas head - XYLOL	1	1	1
B95-ATX/CA16	Replacement gas head - ACETONE	1	1	1
B95-ATX/CA17	Replacement gas head - HEXANE	1	1	1
B95-ATX/CA18	Replacement gas head - ETHANE	1	1	1
B95-ATX/CA19	Replacement gas head - METHYLETHYLKETONE	1	1	1
B95-ATX/CA20	Replacement gas head - CYCLOPENTANE	1	1	1
B95-ATX/CA21	Replacement gas head - PROPYLENE	1	1	1
B95-ATX/CA22	Replacement gas head - ISOBUTANE	1	1	1

■ MOS

replaceable sensor module for gas detectors WPD/MOS



ERC

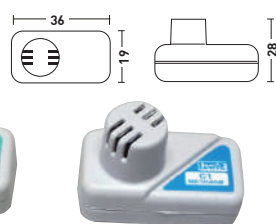


The MOS modules are made in SMT technology and all the performances and functions of a gas detector are integrated inside them.

The calibration, carried out in the factory with certified sample gas, is guaranteed over time and does not change as the supply voltage varies.

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B95-MOS1	Gas detector replaceable sensor module 10÷30 V - METHANE	1	1	1
B95-MOS2	Gas detector replaceable sensor module 10÷30 V LPG	1	1	1
B95-MOS4	Gas detector replaceable sensor module HYDROGEN	1	1	1
B95-MOS5	Gas detector replaceable sensor module GASOLINE VAPOUR	1	1	1

■ **CX** replaceable sensor module for gas detectors HPC1-HPC2



The CX sensor modules are equipped with a permanent memory in which the production parameters are inserted: type of gas, calibration concentration, production date, serial number, etc.

The detector also uses the CX module's memory to record sensor operating hours.

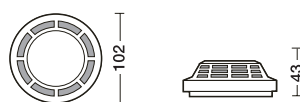
The module is used across the entire HP detector series, extending the life of the detector from 4 to 12 years (replacing the CX module twice).

Versions for methane gas and LPG are available.

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B95-CX1	Gas detector replaceable sensor module - METHANE	1	1	1
B95-CX2	Gas detector replaceable sensor module - LPG	1	1	1

Fire detectors

■ **RF 900** smoke detectors



RF900 detectors are equipped with a universal base with or without relay. Upon request, other models are available: thermal detectors, for ducts, etc.

For further information contact our sales office.

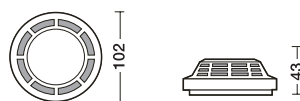
Compliant: EN 54



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B70-RF901	Universal base for fire detector	1	1	1
B70-RF911A/EC *	Low profile EN54 optical smoke detector	1	1	1
B70-RF913EC *	EN54 Thermo-velocimetric detector	1	1	1

* The detectors do not have a universal base which must be ordered separately

■ **RF 900/ECO** smoke detectors



The **ECO RF900** series detectors are equipped with a universal base. Upon request, other models are available: thermal detectors, for ducts, etc. For further information contact our sales office.

Compliant: EN 54



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B70-RF903	Conventional base ECO1000 series	1	1	1
B70-RF904EC	ECO1000 series relay base	1	1	1
B70-RF914A/EC *	Optical smoke detector conventional ECO1000 series	1	1	1
B70-RF915EC *	Thermo-velocimetric detector ECO1000 series	1	1	1

* The detectors do not have a universal base which must be ordered separately

Control unit siren for emergency exits

■ **B626 new** Control unit siren and lamp for emergency exits



Optical-acoustic unit for evacuation signaling, self-powered, power supply, 13.8 Vdc, alert, evacuation and reset inputs, high brightness LED lighting, red polycarbonate cap, electro-galvanised sheet metal structure, RAL 3000 red colour, IP 31 protection degree, programmable inputs (only in stand alone mode).



Features

- Power supply: 13.8V
- Standby current: 0.03A
- Maximum current: 1.3A
- Level sound: 105dB (A) at 1m
- Acoustic transducer: Magnetodynamics 8ohm
- Flashing: 6 high brightness LED
- RS485 serial lines: 1
- Pre-warning command input: N.O. contact
- Evacuation command input: N.O. contact
- Reset command input: N.O. contact
- Pre-alert timing: Programmable
- Evacuation timing: Infinite
- Reset timing: approximately 20 seconds
- Pre-alert sound type: Intermittent
- Evacuation sound type: Fixed
- Reset sound type: Impulsive
- Autonomy in alarm: 40 minutes minimum
- Environmental conditions: from -25°C to +55°C
- Battery Type: 12V Pb
- Battery capacity: Max 2.3Ah
- Degree of protection: IP31
- Dimensions: 260 x 192 x 65 mm (H x L x P)
- Weight: 2800g

NB: Combine 12 V 2 Ah battery and at least 1 RF6XX button

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B70-RF626NEW	Optical-acoustic unit for evacuation signaling	1	1	1

■ **RF6XX** re-settable fire emergency button



Features

- Re-settable button
- 1 reset key included
- Protection degree IP40 / IP65 / IP67 (depending on model)

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B70-RF650F	Re-settable fire emergency button - IP40	1	1	1
B70-RF651F	Re-settable fire emergency button - IP65	1	1	1
B70-RF652F	Re-settable fire emergency button - IP67	1	1	1

■ **KEY** key for re-settable buttons



Features

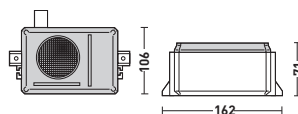
- Key for resetting RF6XX buttons

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B70-RF650C	Key for resetting RF6XX buttons	1	1	1

SIRELAMP optical-acoustic alarm device



The **SIRELAMP** is an optical-acoustic alarm device with selectable tone consisting of an electronic modulator circuit interfaced with a piezoelectric speaker.

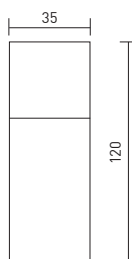


Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B90-SIRELAMP/12	Optical-acoustic alarm device 12 Vcc/ca	1	1	3
B90-SIRELAMP/24	Optical-acoustic alarm device 24 Vcc/ca	1	1	3
B90-SIRELAMP/220	Optical-acoustic alarm device 220 V	1	3	12

GAS TEST gas test bottle



N. ONU 2.1
HIGHLY
FLAMMABLE



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B98-BG1	Gas bottle 50 ml propane-butane	1	6	6

BATTERIES rechargeable batteries:



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B98-BAT12V2A	Rechargeable battery 12 Vcc 2 Ah	1	1	1
B98-BAT12V6A	Rechargeable battery 12 Vcc 7 Ah	1	1	1
B98-BAT12V12A	Rechargeable battery 12 Vcc 12 Ah	1	1	1

SWITCHBOARDS and boxes



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B98-BCT8	Switchboard 8 modules DIN IP40	1	1	1
B98-BCT12	Switchboard 12 modules DIN IP40	1	1	1

■ PRECALIBRATED CANS



To carry out an excellent test, pre-calibrated cans must be used. They must also be used to avoid damaging the gas detection capsules.

The pre-calibrated cans are used to::

- 1) Test the new systems
- 2) Test existing systems
- 3) Check the status of the installed gas probes



Features

- Aluminum cylinder
- Geometric capacity of 1 litre
- Empty weight 140 grams
- Charging pressure 12 bar (corresponding to a content of approximately 12 liters of gaseous product)
- The seal is provided by a compact, gas-tight crimped valve
- They are NOT subject to transportation restrictions

N.B. At the first purchase you must also order the dispensing valve.

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B98-BM101	Precalibrated cans - METHANE - 12 litres	1	1	1
B98-BM102	Precalibrated cans - LPG - 12 litres	1	1	1
B98-BM103	Precalibrated cans - CO (ppm on request) - 12 litres	1	1	1
B98-BM104	Precalibrated cans - HYDROGEN - 12 litres	1	1	1
B98-BM105	Precalibrated cans - GASOLINE VAPOUR (pentano) - 12 litres	1	1	1
B98-BM106	Precalibrated cans - PROPANE - 12 litres	1	1	1
B98-BM111	Precalibrated cans - ACETYLENE - 12 litres	1	1	1
B98-BM113	Precalibrated cans - EXPLOSIVE AMMONIA - 12 litres	1	1	1

Other gases subject to feasibility on request

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B98-VL101	Dispensing valve	1	1	1
B98-VL111	Valve for Corrosive Gases	1	1	1

■ WRENCH

Hook wrench with round noses for fixing ATEX heads



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B98-CHI001	Hook wrench with round noses	1	1	1

■ WRENCH

PIN wrench 7-40 mm/2 mm for fixing IRON heads



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B98-CHI002	PIN wrench 7-40 mm/2 mm	1	1	1

CAP

Steel cap 3/4" NPT



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B98-TAPATEXNPT3/4	Steel cap 3/4" NPT	1	1	1

CABLE GLAND

Cable gland - ATEX 3/4" NPT



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B98-PREATEXNPT3/4	Cable gland ATEX 3/4" NPT	1	1	1

CABLE GLAND

Nickel-plated brass cable gland - PG16



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B98-PRC100108	Nickel-plated brass cable gland - PG16	1	1	1

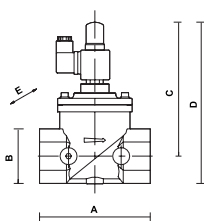
MASK

Calibration mask



Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
B98-MASCAL	Calibration mask	1	1	1

■ 400 RM E 500 RM brass core electro valves manual lever-reloading



All electro valves of the **400RM** series (normally open) and **500RM** series (normally closed) feature a brass core and a manual lever reloading system.

The **400RM** series is particularly suitable for home use where, typically, there is no power backup line: In case of black-out or temporary loss of mains power, **400RM** electro valves do not cut off the line, thus ensuring a regular supply of gas to the house.

All electro valves are manufactured according to the existing European Standard EN161, where applicable.

All models are compliant with European Directives 89/336 and 73/23.

400 RM - NORMALLY OPEN BRASS CORE ELECTRO VALVES

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-420RM/12	Manual lever-reloading electro valves-NO - 12 Vcc 1/2"	1	1	1
BEV-430RM/12	Manual lever-reloading electro valves-NO - 12 Vcc 3/4"	1	1	1
BEV-440RM/12	Manual lever-reloading electro valves-NO - 12 Vcc 1"	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-420RM/24	Manual lever-reloading electro valves-NO - 24 Vcc 1/2"	1	1	1
BEV-430RM/24	Manual lever-reloading electro valves-NO - 24 Vcc 3/4"	1	1	1
BEV-440RM/24	Manual lever-reloading electro valves-NO - 24 Vcc 1"	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-420RM	Manual lever-reloading electro valves-NO - 230 V 1/2"	1	1	1
BEV-430RM	Manual lever-reloading electro valves-NO - 230 V 3/4"	1	1	1
BEV-440RM	Manual lever-reloading electro valves-NO - 230 V 1"	1	1	1

500 RM - NORMALLY CLOSED BRASS CORE ELECTRO VALVES

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-520RM/12	Manual lever-reloading electro valves-NC - 12 Vcc 1/2"	1	1	1
BEV-530RM/12	Manual lever-reloading electro valves-NC - 12 Vcc 3/4"	1	1	1
BEV-540RM/12	Manual lever-reloading electro valves-NC - 12 Vcc 1"	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-520RM/24	Manual lever-reloading electro valves-NC - 24 Vcc 1/2"	1	1	1
BEV-530RM/24	Manual lever-reloading electro valves-NC - 24 Vcc 3/4"	1	1	1
BEV-540RM/24	Manual lever-reloading electro valves-NC - 24 Vcc 1"	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-520RM	Manual lever-reloading electro valves-NC - 230 V 1/2"	1	1	1
BEV-530RM	Manual lever-reloading electro valves-NC - 230 V 3/4"	1	1	1
BEV-540RM	Manual lever-reloading electro valves-NC - 230 V 1"	1	1	1

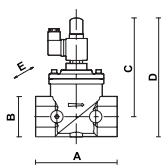
600 RM E 900 RM aluminium core electro valves manual lever-reloading



Fig. A



Fig. B



All electro valves of the **600RM** series (normally open) and **900RM** series (normally closed) feature an aluminium core and a manual lever reloading system.

The **600RM** series is particularly suitable for home use where, typically, there is no power backup line: In case of black-out or temporary loss of mains power, **600RM** electro valves do not cut off the line, thus ensuring a regular supply of gas to the house.

All electro valves are manufactured according to the existing European Standard EN161, where applicable.

All models are compliant with European Directives 89/336 and 73/23.

600 RM - NORMALLY OPEN ALUMINIUM CORE ELECTRO VALVES (Fig. A)

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-620RM/12	Manual lever-reloading electro valves-NO - 12 Vcc 1/2"	1	1	1
BEV-630RM/12	Manual lever-reloading electro valves-NO - 12 Vcc 3/4"	1	1	1
BEV-640RM/12	Manual lever-reloading electro valves-NO - 12 Vcc 1"	1	1	1
BEV-650RM/12	Manual lever-reloading electro valves-NO - 12 Vcc 1"1/4	1	1	1
BEV-660RM/12	Manual lever-reloading electro valves-NO - 12 Vcc 1"1/2	1	1	1
BEV-670RM/12	Manual lever-reloading electro valves-NO - 12 Vcc 2"	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-620RM/24	Manual lever-reloading electro valves-NO - 24 Vcc 1/2"	1	1	1
BEV-630RM/24	Manual lever-reloading electro valves-NO - 24 Vcc 3/4"	1	1	1
BEV-640RM/24	Manual lever-reloading electro valves-NO - 24 Vcc 1"	1	1	1
BEV-650RM/24	Manual lever-reloading electro valves-NO - 24 Vcc 1"1/4	1	1	1
BEV-660RM/24	Manual lever-reloading electro valves-NO - 24 Vcc 1"1/2	1	1	1
BEV-670RM/24	Manual lever-reloading electro valves-NO - 24 Vcc 2"	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-620RM	Manual lever-reloading electro valves-NO - 230 V 1/2"	1	1	1
BEV-630RM	Manual lever-reloading electro valves-NO - 230 V 3/4"	1	1	1
BEV-640RM	Manual lever-reloading electro valves-NO - 230 V 1"	1	1	1
BEV-650RM	Manual lever-reloading electro valves-NO - 230 V 1"1/4	1	1	1
BEV-660RM	Manual lever-reloading electro valves-NO - 230 V 1"1/2	1	1	1
BEV-670RM	Manual lever-reloading electro valves-NO - 230 V 2"	1	1	1

600 RM - NORMALLY OPEN ALUMINIUM CORE ELECTRO VALVES - FLANGED (Fig. B)

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-680RMF/12	Manual lever-reloading electro valves-NO - 12 Vcc 2"1/2	1	1	1
BEV-690RMF/12	Manual lever-reloading electro valves-NO - 12 Vcc 3"	1	1	1
BEV-695RMF/12	Manual lever-reloading electro valves-NO - 12 Vcc 4"	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-680RMF/24	Manual lever-reloading electro valves-NO - 24 Vcc 2"1/2	1	1	1
BEV-690RMF/24	Manual lever-reloading electro valves-NO - 24 Vcc 3"	1	1	1
BEV-695RMF/24	Manual lever-reloading electro valves-NO - 24 Vcc 4"	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-680RMF	Manual lever-reloading electro valves-NO - 230 V 2"1/2	1	1	1
BEV-690RMF	Manual lever-reloading electro valves-NO - 230 V 3"	1	1	1
BEV-695RMF	Manual lever-reloading electro valves-NO - 230 V 4"	1	1	1

■ 600 RM E 900 RM aluminium core electro valves manual lever-reloading

900 RM - NORMALLY CLOSED ALUMINIUM CORE ELECTRO VALVES (Fig. A)

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-920RM/12	Manual lever-reloading electro valves-NC - 12 Vcc 1/2"	1	1	1
BEV-930RM/12	Manual lever-reloading electro valves-NC - 12 Vcc 3/4"	1	1	1
BEV-940RM/12	Manual lever-reloading electro valves-NC - 12 Vcc 1"	1	1	1
BEV-950RM/12	Manual lever-reloading electro valves-NC - 12 Vcc 1"1/4	1	1	1
BEV-960RM/12	Manual lever-reloading electro valves-NC - 12 Vcc 1"1/2	1	1	1
BEV-970RM/12	Manual lever-reloading electro valves-NC - 12 Vcc 2"	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-920RM/24	Manual lever-reloading electro valves-NC - 24 Vcc 1/2"	1	1	1
BEV-930RM/24	Manual lever-reloading electro valves-NC - 24 Vcc 3/4"	1	1	1
BEV-940RM/24	Manual lever-reloading electro valves-NC - 24 Vcc 1"	1	1	1
BEV-950RM/24	Manual lever-reloading electro valves-NC - 24 Vcc 1"1/4	1	1	1
BEV-960RM/24	Manual lever-reloading electro valves-NC - 24 Vcc 1"1/2	1	1	1
BEV-970RM/24	Manual lever-reloading electro valves-NC - 24 Vcc 2"	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-920RM	Manual lever-reloading electro valves-NC - 230 V 1/2"	1	1	1
BEV-930RM	Manual lever-reloading electro valves-NC - 230 V 3/4"	1	1	1
BEV-940RM	Manual lever-reloading electro valves-NC - 230 V 1"	1	1	1
BEV-950RM	Manual lever-reloading electro valves-NC - 230 V 1"1/4	1	1	1
BEV-960RM	Manual lever-reloading electro valves-NC - 230 V 1"1/2	1	1	1
BEV-970RM	Manual lever-reloading electro valves-NC - 230 V 2"	1	1	1

900 RM - NORMALLY CLOSED ALUMINIUM CORE ELECTRO VALVES - FLANGED (Fig. B)

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-980RMF/12	Manual lever-reloading electro valves-NC - 12 Vcc 2"1/2	1	1	1
BEV-990RMF/12	Manual lever-reloading electro valves-NC - 12 Vcc 3"	1	1	1
BEV-995RMF/12	Manual lever-reloading electro valves-NC - 12 Vcc 4"	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-980RMF/24	Manual lever-reloading electro valves-NC - 24 Vcc 2"1/2	1	1	1
BEV-990RMF/24	Manual lever-reloading electro valves-NC - 24 Vcc 3"	1	1	1
BEV-995RMF/24	Manual lever-reloading electro valves-NC - 24 Vcc 4"	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-980RMF	Manual lever-reloading electro valves-NC - 230 V 2"1/2	1	1	1
BEV-990RMF	Manual lever-reloading electro valves-NC - 230 V 3"	1	1	1
BEV-995RMF	Manual lever-reloading electro valves-NC - 230 V 4"	1	1	1

■ SPARE PARTS electro valves

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-B400RM/12	Spare spool 12 V - 400-600 series valves	1	1	1
BEV-B400RM/24	Spare spool 24 V - 400-600 series valves	1	1	1
BEV-B400RM/230	Spare spool 230 V - 400-600 series valves	1	1	1
BEV-B500RM/12	Spare spool 12 V - 500 series valves	1	1	1
BEV-B500RM/24	Spare spool 24 V - 500 series valves	1	1	1
BEV-B500RM/230	Spare spool 230 V - 500 series valves	1	1	1
BEV-B900RM/12	Spare spool 12 V - 900 series valves	1	1	1
BEV-B900RM/24	Spare spool 24 V - 900 series valves	1	1	1
BEV-B900RM/230	Spare spool 230 V - 900 series valves	1	1	1

Product Code	Description	Pcs/Pack	Pcs/ord/min	Pcs/Box
BEV-CN100/300	100/300 series valve replacement connector	1	1	1

Sei un installatore ?

Entra nel **belt** Club

Iscriversi è semplice,
gratuito...
e ci sono 7 buoni
motivi per farlo...



1

KIT DI BENVENUTO

Tutti i nuovi membri del BELT CLUB riceveranno in omaggio un rivelatore domestico Scacco METANO (ritirabile presso il Grossista di fiducia al primo ordine)

2

ASSISTENZA TECNICA

Servizio dedicato e prioritario con i nostri tecnici

3

GARANZIA GOLD

Con l'invio anticipato del nuovo prodotto prima del reso, checkup gratuito sui prodotti resi, sostituzione di prodotti danneggiati dall'utente per errato utilizzo o in caso di errori di installazione con prodotto nuovo scontato del 50% sul listino.

4

ORDINE TELEFONICO

Cerchi un prodotto BELT? Chiama il nostro Customer Service o manda una mail, ti consiglieremo entro pochi minuti il distributore più vicino dove trovare il prodotto disponibile. Se non dovesse essere di tuo gradimento indicaci il TUO Distributore di fiducia e gli invieremo entro 1 giorno lavorativo il prodotto da te richiesto.

5

PROMOZIONI DEDICATE

Periodiche promozioni commerciali dedicate esclusivamente agli installatori BELT CLUB

6

FORMAZIONE

Periodici corsi di formazione sui nuovi prodotti

7

PUBBLICITA'

Presenza gratuita sul nostro sito web dove gli utenti potranno ricercare per zona gli installatori BELT

Inquadra questo codice con il tuo smartphone e registrati online sul nostro sito



oppure vai su www.beltdetection.com

e iscriviti con un click !

belt[®]
GAS DETECTION

Art. 1 Premessa

Le presenti Condizioni Generali di Vendita sono valide per l'Italia e si applicano tra la Belt Detection S.r.l. (di seguito BELT DETECTION) e l'Acquirente (di seguito CLIENTE). Gli oggetti da fornirsi ai sensi delle presenti Condizioni Generali di Vendita si designano qui di seguito con il termine prodotto.

Tutti i contratti di vendita della BELT DETECTION sono stipulati esclusivamente alle presenti Condizioni Generali di Vendita (salvo espressa deroga sottoscritta dalla BELT DETECTION, la cui validità è limitata peraltro al contratto per il quale è stata concordata).

Art. 2 Prezzi

2.1 - I prezzi riportati sui listini prezzi e/o concordati con il CLIENTE non includono I.V.A., trasporto e spese accessorie.

2.2 - BELT DETECTION si riserva in qualsiasi momento di variare i prezzi per sopraggiunte variazioni nei costi di produzione e/o rapporti valutari per le merci d'importazione.

Art.3 Ordini

3.1 - Il conferimento dell'ordine da parte del CLIENTE comporta accettazione integrale delle presenti Condizioni Generali di Vendita e rinuncia alle proprie Condizioni Generali di Acquisto considerate nel loro complesso o singolarmente.

3.2 - Ciascun ordine del CLIENTE a BELT DETECTION dovrà riportare con chiarezza il tipo e la quantità del prodotto, allo scopo le parti convengono di utilizzare i codici BELT DETECTION.

3.3 - Ciascun ordine del CLIENTE a BELT DETECTION dovrà intendersi come irrevocabile, salvo diversa pattuizione tra le parti.

3.4 - per ordini con importo inferiore a € 800,00 + IVA verrà applicato un costo di trasporto di € 18,00 + IVA che verrà addebitato in fattura. Per ordini con importo superiore o uguale a € 800,00 + IVA il materiale verrà spedito in Porto Franco.

3.5 - BELT DETECTION si riserva di non evadere ordini di importo inferiore a € 150.

Art. 4 Termini di Consegna

4.1 - Qualsiasi termine di consegna pattuito è puramente orientativo e dipende sia dalle possibilità di produzione di BELT DETECTION, sia da eventi di forza maggiore quali scioperi, calamità naturali, ecc. In nessun caso e per nessun motivo BELT DETECTION è responsabile per qualsiasi danno diretto od indiretto causato da consegne non tempestive. Pertanto il CLIENTE non potrà in nessun caso avanzare richieste di danni o essere autorizzato all'annullamento dell'ordine stesso.

4.2 - La BELT DETECTION si ritiene autorizzata ad evadere parzialmente gli ordini secondo la disponibilità, senza pregiudizio per quanto concerne i pagamenti, anche se l'ordine non fosse totalmente evaso.

Art. 5 Luogo di consegna - spedizione - rischi

5.1 - I prodotti viaggiano a rischio e pericolo del CLIENTE, anche se per particolari condizioni vengono venduti in Porto Franco.

5.2 - I prodotti non sono coperti da BELT DETECTION da assicurazione contro i rischi da trasporto salvo che sia diversamente convenuto tra le parti.

5.3 - Il CLIENTE ha l'obbligo di verificare la quantità e lo stato della merce al momento della consegna da parte del vettore.

5.4 - Nel caso di anomalie quali perdite, manomissioni, avarie il CLIENTE sarà tenuto ad esperire direttamente nei confronti del vettore medesimo ogni suo diritto, come pure in caso di ritardata consegna allo stesso imputabile.

5.5 - BELT DETECTION si ritiene autorizzata ad utilizzare il mezzo di trasporto più idoneo salvo diverso accordo tra le parti.

Art. 6 Resi - reclami quantità - qualità

6.1 - Nessun reso di merce verrà accettato se non preventivamente autorizzato dalla BELT DETECTION

6.2 - Eventuali resi di prodotti perché non conformi all'ordinato o perché provatamente difettosi, purché autorizzati, dovranno pervenire al nostro magazzino in porto franco.

6.3 - Il CLIENTE sarà tenuto a comunicare per iscritto eventuali reclami relativi a quantità, tipo o difetti riscontrati sui prodotti entro e non oltre 8 giorni dal suo ricevimento.

Decorso tale termine, fatte salve le diverse condizioni di garanzia relative a ciascun prodotto, nessun reclamo potrà essere avanzato.

6.4 - Caratteristiche, disegni, immagini e dimensioni raffigurate nel listino prezzi e nei cataloghi non sono impegnative e potranno essere modificate senza alcun preavviso.

Art. 7 Pagamenti e Mora

I pagamenti si intendono fatti al nostro domicilio in valuta legale ed alle scadenze pattuite.

Il mancato pagamento, anche per cause indipendenti dalla volontà del CLIENTE, autorizza la BELT DETECTION a sospendere le forniture. Il ritardo nel pagamento autorizza la BELT DETECTION ad applicare gli interessi di mora ex D.L. 231/02 e successive modifiche ed integrazioni, dalla data di scadenza fino a quella dell'effettivo incasso.

Art. 8 Sospensione delle consegne

Ferme restando le altre disposizioni delle presenti Condizioni Generali di Vendita in materia di sospensione, ciascuna delle parti avrà la facoltà di sospendere l'a-

dempimento delle proprie obbligazioni contrattuali ove le circostanze evidenzino che l'altra parte non sarà in grado di adempiere alle proprie obbligazioni.

La parte che sospende il proprio adempimento contrattuale dovrà immediatamente darne notifica all'altra parte per iscritto.

Art. 9 Garanzia

9.1 Durata e condizioni

I Prodotti sono garantiti per 24 mesi dalla data di vendita riportata sul documento di acquisto.

La garanzia copre le difettosità intrinseche riconosciute da BELT DETECTION e comporta la riparazione o sostituzione gratuita delle parti difettose. Sono escluse dalla garanzia tutte le parti soggette ad esaurimento od usura quali le pile, le batterie ricaricabili, le lampade e qualsiasi altra parte soggetta ad esaurimento o usura.

9.2 Casi di non applicazione della garanzia

La garanzia è esclusa nei seguenti casi:

- danneggiamenti causati da sovraccarichi, alimentazione errata, sovratensioni, fulmini;
- incuria e/o imperizia nella installazione e/o errato utilizzo del prodotto;
- installazione, manutenzione ed utilizzo in contrasto con le istruzioni ed avvertenze fornite da BELT DETECTION o in contrasto con la norma di legge o specifiche tecniche applicabili;
- danneggiamenti causati da: difetti o malfunzionamenti dell'impianto elettrico utilizzatore, malfunzionamenti della rete di distribuzione elettrica o della rete telefonica, impiego in ambienti polverosi o in condizioni ambientali diverse da quelle per le quali il prodotto è previsto;
- modifiche, manomissioni o interventi tecnici di qualsiasi genere da parte di personale non autorizzato o non abilitato a norma di legge;
- rimozione, modificazione, o qualsiasi altro intervento che renda illeggibile in numero di identificazione seriale del prodotto;
- danneggiamenti causati da cadute, urti;
- negligenza o cattiva manutenzione da parte dell'utilizzatore;
- catastrofi naturali, fenomeni atmosferici o vandalismo;

9.3 - Denuncia dei difetti, termini e decadenza

- I difetti di fabbricazione riscontrati dovranno essere denunciati a BELT DETECTION per iscritto entro 8 giorni dal ricevimento del prodotto;
- I difetti di fabbricazione, qualora occulti, dovranno essere denunciati a BELT DETECTION per iscritto entro 8 giorni dalla rilevazione dei medesimi;
- Il mancato rispetto dei termini di denuncia dei difetti comporterà la decadenza dal diritto alla garanzia;

9.4 - Reso dei prodotti in riparazione o sostituzione in garanzia.

Successivamente alla denuncia nei tempi e modi previsti nei Termini di Garanzia (Art.9), del prodotto difettoso, previa autorizzazione di BELT DETECTION, il cliente provvederà a far pervenire, in porto franco, il prodotto difettoso alla BELT DETECTION.

9.5 - Modalità per l'eliminazione dei difetti

BELT DETECTION ricevuto il prodotto in garanzia, previa verifica della effettiva sussistenza dei difetti denunciati, rimedierà con uno dei seguenti metodi:

- Sostituirà il prodotto difettoso con uno nuovo del medesimo modello;
- Sostituirà il prodotto con altro prodotto realizzato con parti nuove o ricondizionate con caratteristiche e prestazioni equivalenti al prodotto originario;
- Riparerà il prodotto difettoso tramite l'utilizzo di parti nuove o rimesse a nuovo;

BELT DETECTION si riserva la scelta del metodo che attuerà gratuitamente;

I tempi per la riparazione o sostituzione potranno variare in relazione alla disponibilità delle parti necessarie e dal tipo di intervento tecnico necessario.

Art. 10 Limitazioni ed esclusioni di responsabilità

10.1 - Stipulando il contratto, il CLIENTE dichiara di essere a conoscenza di tutte le limitazioni legali e norme di sicurezza relative all'impiego dei prodotti ordinati.

10.2 - BELT DETECTION non assume responsabilità per i danni, diretti o indiretti, a persone, animali o cose, che possano derivare, per qualsiasi causa, dall'uso e/o dalla installazione dei propri prodotti.

10.3 - L'esercizio del recesso del CLIENTE nei confronti di BELT DETECTION per difetti di non conformità come previsti dall'art.131 del "Codice del consumo" si deve intendere limitato al diritto del CLIENTE alla garanzia come disciplinata dall'ART.9 (Garanzia).

Art. 11 Dati fiscali

Ogni comunicazione e/o variante ai dati fiscali dovrà pervenire tempestivamente alla BELT DETECTION eventuali more o responsabilità nell'errata comunicazione degli stessi saranno a totale carico del CLIENTE.

Art. 12 Controversie e Foro competente

Il foro competente in caso di qualsiasi controversia tra le parti è quello di Torino senza possibilità di alcuna modificazione. I contratti, stipulati con clienti italiani per materiali forniti all'estero, sono regolati dalla legislazione italiana.



ATX



IRON



WPDS/CAX



WPDS/C02



WPDS/CA3S

WPDS - ATX - IRON SERIES

INDUSTRIAL GAS DETECTORS



MODULA¹²⁸

OUTPUT RELÈ



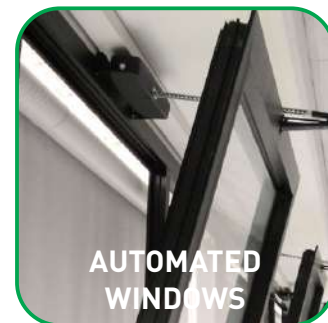
ELECTRO-VALVES



ALARM DEVICE



AIR EXTRACTOR



AUTOMATED
WINDOWS

MODULA 128 - CONTROL UNIT



WPD/CAL



WPD/CA3



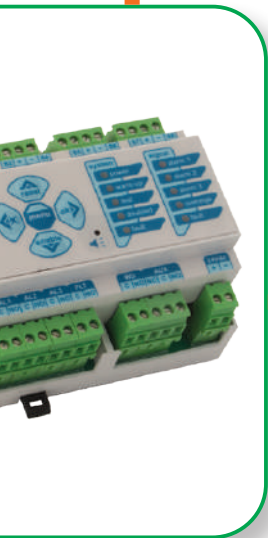
IRON



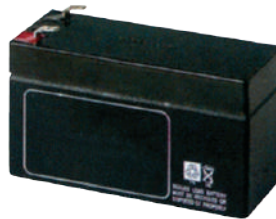
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WPD - IRON - ATX SERIES

INDUSTRIAL GAS DETECTORS



POWER SUPPLY



BATTERIES

ACCESSORIES



SWITCHBOARDS



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Cod. Fisc. Part. IVA e N. CCIAA di Torino IT11720880019 - Capitale Sociale euro 60.000,00 interamente versato