

Sensigas[®]

**The most complete range of
Systems and Equipment for
Gas Detection**

**Residential, Industrial and Naval
Applications**



End-User Price List

2023 rev.00

dtd 15/02/2023

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00	Emission	15/02/23	

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TERMS AND CONDITIONS




ORDERS:	Conditions regarding orders for all the above listed items as well as the prices included in this price-list will be always specified in the Order Confirmation that will be sent to the Buyer. In order to let us execute the orders as described, the Buyer has to control carefully, countersign for acceptance and return to us the above mentioned Order Confirmation. No claim could be accepted after the acceptance of the Order Confirmation. If the Buyer does not return the countersigned copy, we will consider as valid the copy sent to the Buyer. We strictly recommend to inform us of any change in the fiscal data of the Buyer. Any arrears or problems depending on lack of data or wrong information are charged to the Buyer.
RESPONSIBILITY:	On order, the Buyer takes on the responsibility of being informed about laws and rules for the application and the working of the requested equipments.
DELIVERY:	EX OUR WORKS – Transport is at the Buyer’s total expense and merchandise is shipped at Buyer’s risk, even in particular cases of free port. Merchandise is not covered by any insurance. Insurance against transport risks is on demand. The Buyer must verify quantity and quality of merchandise on delivery by the carrier: in case of irregularities, losses or damages the Buyer has to make good his rights directly at the carrier. If the Buyer does not indicate any carrier, EsiWelma will contact the most suitable one.
PACKING:	Free for all our standard packing. – A quotation will be effected on demand at the time of the offer for particular packing.
PRICES AND V.A.T.	All the prices of the present list can be changed without notice and do not include V.A.T.
MINIMUM ORDER:	Net amount € 250,00 (V.A.T. not included). For orders lower than 250, 00 euro an additional “charge” of 22,00 euro will be applied.
PAYMENT:	Money Transfer before goods shipment, if not otherwise agreed. Interest of 3% more than Bank rate will be charged for late payment.
DELIVERY TERMS:	Anyway delivery date is specified on the Order Confirmation and it is indicative about shipping from our works.
WARRANTY	Two-year guarantee starting from the shipping date marked on our Delivery Note. Guarantee is ex our works and strictly refers to EsiWelma products. It does not cover the plant’s working. EsiWelma reserves all rights to decide in matter of the presence and reasons of failure.
CLAIMS AND RETURNS:	No claim will be accepted later than 10 days from merchandise delivery. No return will be accepted if EsiWelma does not authorize it in advance. Faulty merchandise will be returned to EsiWelma delivered free of charge and will state all the supply References and the failure report.
ORDER CANCELLATION:	According to Art. 1461 of the Civil Code, EsiWelma reserves all rights to cancel or not to carry out whole orders or part of them in case of the Buyer’s insolvency.
GOVERNING LAW:	Relationships between the parties will be ruled by Italian Laws.
PLACE OF JURISDICTION:	Any dispute will be under the jurisdiction of the Court of Genova (Italy).






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Gas Detectors for Residential Applications

- Basic installation rules-





<p>Methane</p>	<p>Carbondi Monoxide CO</p>	<p>LPG</p>
 <p>The molecular weight of Methane is $16 < 29$ (Air), therefore any leak will spread upwards</p>	 <p>The molecular weight of CO is $28 \approx 29$ (Air), therefore any leak will spread at the same height</p>	 <p>The molecular weight of LPG is $\approx 44 > 29$ (Air), therefore any leak will spread downwards</p>

Gas detectors for residential applications Sensigas Line			
	Item	Description	UNIT PRICE € (VAT excluded)
Wall mounting gas detectors for METHANE / LPG EN50194 compliant and gas detectors for CO (Carbon Monoxide) EN50291 compliant, with:			
- LED indications (power supply, fault, gas alarm), - Acoustic signaling through internal buzzer, - Replaceable sensor module (for CNG and LPG detectors), - Self-extinguishing plastic case, - Power supply: 230Vac; 12 Vac/dc; 12 ÷ 24 Vac / dc; See models			
ESN14..		- Control Output: n.1 Auxiliary SPDT relay 230 Vac 8A	
	ESN14.G	Methane gas detector - 230 Vac power supply	136,20
	ESN14.G-LD	Methane gas detector - 12 Vac/dc power supply	125,10
	ESN14.G-LV	Methane gas detector - 12÷24 Vac/dc power supply	197,30
	ESN14.P	LPG gas detector - 230 Vac power supply	136,20
	ESN14.P-LD	LPG gas detector - 12 Vac/dc power supply	125,10
	ESN14.P-LV	LPG gas detector - 12÷24 Vac/dc power supply	197,30
	ESN14.C	CO gas detector - 230 Vac power supply	198,20
	ESN14.C-LD	CO gas detector - 12 Vac/dc power supply	188,80
	ESN14.C-LV	CO gas detector - 12÷24 Vac/dc power supply	259,30
ESN16..		- Control Output: : n.1 SELV for E/valve 12 Vdc	
	ESN16.G	Methane gas detector - 230 Vac power supply	138,90
	ESN16.G-LD	Methane gas detector - 12 Vac/dc power supply	127,80
	ESN16.G-LV	Methane gas detector - 12÷24 Vac/dc power supply	200,00
	ESN16.P	LPG gas detector - 230 Vac power supply	138,90
	ESN16.P-LD	LPG gas detector - 12 Vac/dc power supply	127,80
	ESN16.P-LV	LPG gas detector - 12÷24 Vac/dc power supply	200,00
	ESN16.C	CO gas detector - 230 Vac power supply	215,10
	ESN16.C-LD	CO gas detector - 12 Vac/dc power supply	205,70
	ESN16.C-LV	CO gas detector - 12÷24 Vac/dc power supply	276,30
ESN26..		- Control Output: : n.1 SELV for E/valve 12 Vdc n.1 Auxiliary SPDT relay 230 Vac 8A	
	ESN26.G	Methane gas detector - 230 Vac power supply	150,40
	ESN26.G-LD	Methane gas detector - 12 Vac/dc power supply	139,20
	ESN26.G-LV	Methane gas detector - 12÷24 Vac/dc power supply	211,50
	ESN26.P	LPG gas detector - 230 Vac power supply	150,40
	ESN26.P-LD	LPG gas detector - 12 Vac/dc power supply	139,20
	ESN26.P-LV	LPG gas detector - 12÷24 Vac/dc power supply	211,50
	ESN26.C	CO gas detector - 230 Vac power supply	240,20
	ESN26.C-LD	CO gas detector - 12 Vac/dc power supply	230,80
	ESN26.C-LV	CO gas detector - 12÷24 Vac/dc power supply	301,20
Accessories for wall-mounting detectors type ESN14.;16.;26			
	MOD.G	Spare sensor module for ESN.F.G.. Methane gas	44,20
	MOD.P	Spare sensor module for ESN.F.P LPG gas	44,20
	UZY-ALE	Power supply 12Vdc for NC E/V for ESN14-16-26 e ESN.F.G e P	142,90

Classic Design

In Phase Out



Gas detectors for residential applications Sensigas Line

	Item	Description	UNIT PRICE € (VAT excluded)
Wall mounting combustible gas detectors type ESN.F..A.			
	ESN.F..A.	Wall mounting gas detector for residential applications EN50194 compliant (type A device) with: - Optical user interface by led (power supply, sensor fault, gas alarm) - Acoustic user interface by internal buzzer - Direct control for solenoid gas valve 12Vdc NO (Normally Open) - Auxiliary SPDT relay output - Replaceable sensor module - Self extinguishing plastic housing - Power supply: see items - Control outputs: n.1 for 12Vdc solenoid valve n.1 Auxiliary SPDT relay 230Vac 8A	
	ESN.F.G.A	Methane gas detector - 230 Vac power supply	158,40
	ESN.F.G.A.D	Methane gas detector - 12 Vac/dc power supply	149,20
	ESN.F.G.A.E	Methane gas detector - 12÷24 Vac/dc power supply	222,40
	ESN.F.P.A	LPG gas detector - 230 Vac power supply	158,40
	ESN.F.P.A.D	LPG gas detector - 12 Vac/dc power supply	149,20
	ESN.F.P.A.E	LPG gas detector - 12÷24 Vac/dc power supply	222,40
Wall mounting toxic gas detectors type ESN.F... (CO) Carbon monoxide			
	ESN.F.O.A.	Wall mounting Carbon monoxide gas detector for residential applications EN50291 compliant (type A device) with: - Optical user interface by led (power supply, sensor fault, gas alarm) - Acoustic user interface by internal buzzer - Self extinguishing plastic housing - Power supply: see items - Control outputs: n.1 Auxiliary SPDT relay 230Vac 8A	
	ESN.F.O.A	CO gas detector - 230 Vac power supply	195,70
	ESN.F.O.A.D	CO gas detector - 12 Vac/dc power supply	186,40
	ESN.F.O.A.E	CO gas detector - 12÷24 Vac/dc power supply	243,70
Accessories for wall-mounting detectors type ESN.F...			
	MOD.G	Spare sensor module for ESN.F.G.. Methane gas	44,20
	MOD.P	Spare sensor module for ESN.F.P LPG gas	44,20
	UZY-ALE	Power supply 12Vdc for NC E/V for ESN14-16-26 e ESN.F.G e P	142,90

Flush Mounting

In Phase Out

Gas detectors for residential applications Sensigas Line

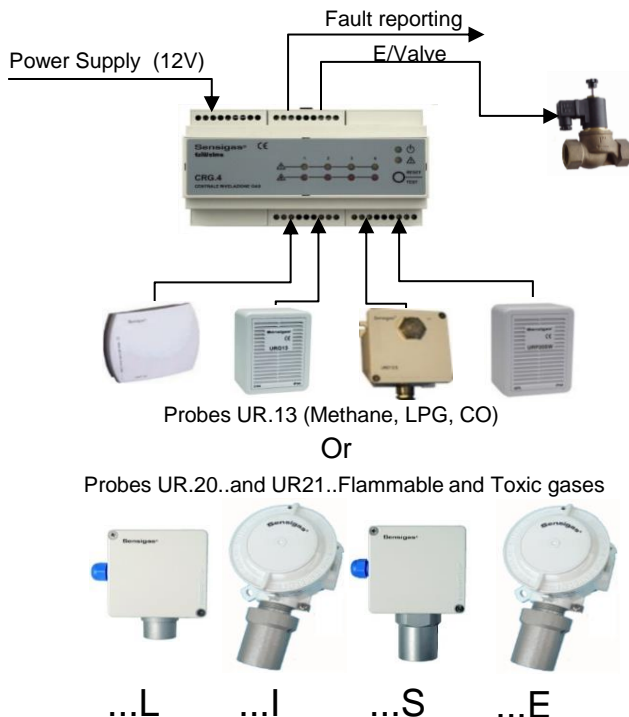
	Item	Description	UNIT PRICE € (VAT excluded)
Flush mounting gas detectors type ESN.I...			
	ESN.I...	Flush mounting gas detectors for residential applications CEI 216-8 compliant (for CH4, LPG and narcotic gas) (type A device) with: - Optical user interface by led (power supply, sensor fault, gas - alarm) - Acoustic user interface by internal buzzer - Control digital output for gas alarm - Self extinguishing plastic housing - Bticino, Vimar, Gewiss, Ave, Siemens plate compatible (not supplied). - Power supply: see items - Control outputs: n.1 Auxiliary SPDT relay 230Vac 5A	
	ESN.I.G.A	Methane gas detector - 230 Vac power supply	165,20
	ESN.I.G.A.D	Methane gas detector - 12 Vac/dc power supply	157,10
	ESN.I.G.A.E	Methane gas detector - 12÷24 Vac/dc power supply	178,50
	ESN.I.P.A	LPG gas detector - 230 Vac power supply	165,20
	ESN.I.P.A.D	LPG gas detector - 12 Vac/dc power supply	157,10
	ESN.I.P.A.E	LPG gas detector 12÷24 Vac/dc power supply	178,50
	ESN.I.S.A	Narcotic gas detector - 230 Vac power supply	171,80
	ESN.I.S.A.D	Narcotic gas detector - 12 Vac/dc power supply	163,80
	ESN.I.S.A.E	Narcotic gas detector - 12÷24 Vac/dc power supply	185,10
Flush mounting detectors (signalling devices) type ESN.I...			
	ESN.I...	Flush mounting gas detectors for residential applications CEI 216-8 compliant (for CH4, LPG and narcotic gas) (type B device) with: - Optical user interface by led (power supply, sensor fault, gas - alarm) - Acoustic user interface by internal buzzer - Control digital output for gas alarm - Self extinguishing plastic housing - Bticino, Vimar, Gewiss, Ave, Siemens plate compatible (not supplied). - Power supply: see items	
	ESN.I.G.B	Methane gas signalling device - 230 Vac power supply	131,80
	ESN.I.G.B.D	Methane gas signalling device - 12 Vac/dc power supply	123,90
	ESN.I.G.B.E	Methane gas signalling device - 12÷24 Vac/dc power supply	146,50
	ESN.I.P.B	LPG gas signalling device - 230 Vac power supply	131,80
	ESN.I.P.B.D	LPG gas signalling device - 12 Vac/dc power supply	123,90
	ESN.I.P.B.E	LPG gas signalling device - 12÷24 Vac/dc power supply	146,50
	ESN.I.S.B	Narcotic gas signaling device - 230 Vac power supply	146,50
	ESN.I.S.B.D	Narcotic gas signaling device - 12 Vac/dc power supply	138,50
	ESN.I.S.B.E	Narcotic gas signaling device - 12÷24 Vac/dc power supply	159,80

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Gas Detection Systems for Heating Rooms









Example of a gas detection system for Boiler Room: plants with 4 detection points







Main Features	
Central type	UCE4
Mounting	DIN rail
Number of Detector	4
Detector Type	UR.13 UR.20../UR.21..
Power Supply	12 Vac/dc
Alarm reset/Test Button	Yes
Control output (gas alarm) relay SPDT 230Vac 8A	1
Output Fault alarm relay SPDT 230Vac 8A	1
Internal buzzer	Yes

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Central gas detection units for DIN rail mounting			
	Item	Description	UNIT PRICE € (VAT excluded)
Central Units for Threshold and Proportional Probes (4-20mA) Compliant with the Performance Requirements according to EN60097-29-1 Compliant with the MED (Marine Equipment Directive) according to IEC60092-504			
	UCE1	Gas detection control unit for the connection of 1 Detector type UR..13 or type UR.20/21 ..; with optical LED interface (voltage, fault, gas alarm) and acoustics via internal buzzer. Control output for gas alarm and Open Collector output for fault signaling. In self-extinguishing plastic case, for mounting on DIN rail. - Power supply 12 Vac / dc - Control outputs: n° 1 relay SPDT 250Vac 8A for alarm n° 1 Open Collector for fault signaling - Degree of protection: IP20 (IP40 when installed in the electrical panel)	196,60
	UCE4	Gas detection control unit for the connection of up to 4 Detectors type UR..13 or type UR.20/21..; with optical LED interface (voltage, fault, gas alarm) and acoustics via internal buzzer. Control outputs for gas alarm and fault signaling. In self-extinguishing plastic case, for mounting on DIN rail. - Power supply 12 Vac / dc - Control outputs: n° 1 relay SPDT 250Vac 8A for alarm n.1 relay SPDT 250Vac 8A for fault signaling - Degree of protection: IP20 (IP40 when installed in the electrical panel)	353,90
12 Vdc Power Supply Units for UCE1 and UCE4, DIN rail mounting			
	ALE.1	Ultra slim Power Supply Unit (with 17,5 mm, n.1 DIN mod.) - Universal Input: 100 ÷ 240 Vac; 50 ÷ 60 Hz - Output: 12 Vdc with short circuit protection - Power: 15 W (1,25 A) - Operating Temp.: -20 °C ÷ +50°C - Protection Degree: IP20 (IP40 when installed in the electrical panel)	44,80
	ALE.4	Ultra slim power supply (2 Modules, 30.0 mm) for DIN rail - Input voltage: Universal Range 100 ÷ 240 Vac; 50 ÷ 60 Hz - Output voltage: 12 Vdc with short circuit protection - Power 30 W (2 A) - Operating Temperature Range: -20 °C ÷ + 50 °C - Degree of Protection: IP20 (IP40 when installed in the electrical panel)	51,00
Central Units for Threshold Probes			
Out of Production 	UCE11 To see UCE1	Central gas detection unit for the connection of 1 UR..13. type Detector; with optical LED interface (voltage, fault, gas alarm) and acoustics via internal buzzer. In self-extinguishing plastic case, for mounting on DIN rail. - 24 Vac power supply - Integrated battery charger (12 Vdc 0.5 A) - Control outputs for gas alarm and failure: n.1 control for 12 Vdc E/valve (NO / NC) n.1 auxiliary relays SPDT 230 Vac 5A - Degree of protection: IP20 (IP40 when installed in the electrical panel)	//
In Phase Out Deliveries while stocks last 	UCE18	Central gas detection unit for the connection up to 4 UR..13.type Detectors; with optical LED interface (voltage, fault, gas alarm) and acoustics via internal buzzer. In self-extinguishing plastic case, for mounting on DIN rail. - 24 Vac power supply - Integrated battery charger (12 Vdc 0.5 A) - Control outputs for gas alarm and failure: n.2 controls for 12 Vdc E/valves (NO / NC) n.2 auxiliary relays SPDT 230 Vac 5A n.1 Open Collector 12 Vdc 300 mA max for external buzzer - Degree of protection: IP20 (IP40 when installed in the electrical panel)	424,50

Sensigas® Heating Room Plant Line

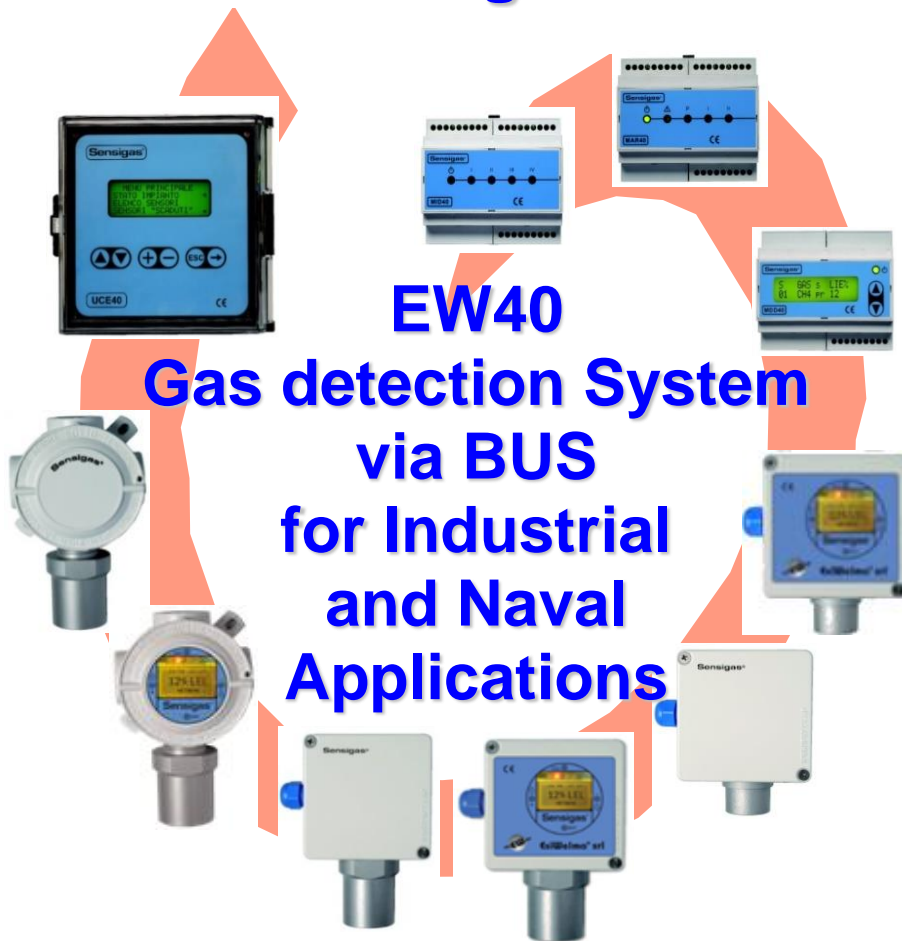
Central gas detection units for wall or front panel mounting			
	Item	Description	UNIT PRICE € (VAT excluded)
Central Unit for 3 threshold probes			
	UCE13.5	<p>Central gas detection unit for the connection up to 3 UR..13.type Detectors; with optical LED interface (voltage, fault, gas alarm) and acoustics via internal buzzer. In self-extinguishing plastic case, for wall or front panel mounting:</p> <ul style="list-style-type: none"> - 230 Vac power supply - Optional battery charger (with UZY13-CB module) - Control outputs for gas alarm and failure: <ul style="list-style-type: none"> n.1 control for 12 Vdc E/valves (NO / NC) n.1 Open Collector 12 Vdc 300 mA max for external buzzer n.1 SPDT relay 250Vac 5A (with optional module UZY20-R) - Degree of protection: IP54 	332,60
Extension Unit for n ° 6, and beyond, Threshold probes			
	EXT6.5	<p>Extension Unit of the UCE13.5 Control Unit, for the connection up to 6 UR..13 type probes, for each UCE13.5 input. Optical LED interface (voltage presence, fault, gas alarm) and acoustic interface via internal buzzer. In self-extinguishing plastic case, for wall or front panel mounting:</p> <ul style="list-style-type: none"> - 230 Vac power supply - Optional battery charger (with UZY13-CB module) - SPDT 250Vac 8A relay (with optional module UZY20-R) - Degree of protection: IP54 	400,40
Accessories for UCE13.5 and EXT6.5			
	UZY20-R	<p>Auxiliary relay card for UCE13.5 and EXT6.5 Positive logic operation (normally excited). It de-energizes in the event of an alarm. Potential-free changeover contact: 250VAC 5 (3) A</p>	46,00
	UZY13-CB	<p>Battery charger card for UCE13.5 and EXT6.5 Buffer charge with current limit Charging voltage in buffer: 13.8VDC Maximum Charge Current: 0.5A Connectable battery: 12VDC 5... 8Ah (not supplied by EsiWelma)</p>	98,60

Sensigas® Heating Room Plant Line

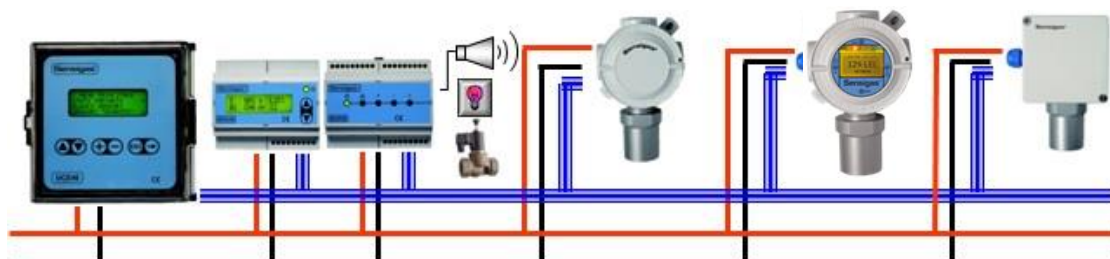
Threshold and Proportional Detection Probes (4 ÷ 20mA)

	Item	Description	UNIT PRICE € (VAT excluded)
Gas detection threshold probes for power plants: UCE1, UCE4, UCE11, UCE18, UCE13.5, EXT6.5			
	URG13/A	Methane gas detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP44	129,10
	URG13P/A	LPG detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP44	129,10
	URO13/A	CO carbon monoxide detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP44	129,10
	URG13.S	Methane gas detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP54	307,30
	URG13P.S	LPG detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP54	307,30
	URO13.S	CO carbon monoxide detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP54	307,30
	URG13	Methane gas detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP44	106,90
	URP13	LPG detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP44	106,90
	URO13	CO carbon monoxide detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP44	106,90
Proportional probes (4 ÷ 20 mA) for gas detection for UCE1, UCE4 control units (SEE NOTE)			
	URG20SW	Methane gas detection probe with catalytic sensor - Power supply: 11÷28 Vdc or from Central Unit UCE1, UCE4 - Signal outputs: 4÷20 Ma - Degree of protection IP44	169,20
	URP20SW	LPG detection probe with catalytic sensor - Power supply: 11÷28 Vdc or from Central Unit UCE1, UCE4 - Signal outputs: 4÷20 Ma - Degree of protection IP44	169,20
	URO20SW	CO carbon monoxide detection probe with electrochemical cell - Power supply: 11÷28 Vdc or from Central Unit UCE1, UCE4 - Signal outputs: 4÷20 Ma - Degree of protection IP44	201,80
	<p>(NOTE)</p> <p>The UCE1 and UCE4 control units, in addition to the UR.13 .. 1-threshold sensors, and the UR.20SW sensors, are able to connect all the other sensors of the EW20 line with their different degrees and types of protection.</p> <p>In particular, the probes model UR.21 .. comply with the Performance Requirements according to EN60097-29-1 and MED Directive</p>		

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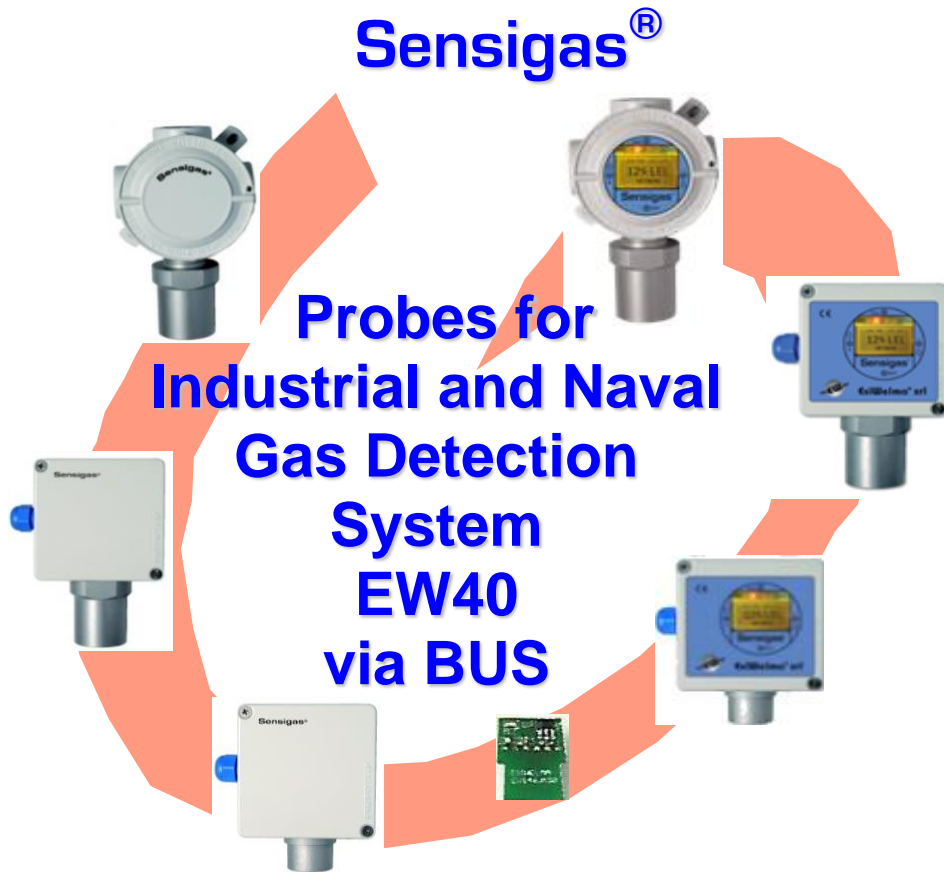
EW40 Gas Detection System
via BUS
for Detectors
UR.41../DN-UR.41../DR-UR.41..



EW40 Gas detection system for industrial and naval applications (with communication bus)

**Compliant with Performance Requirements according to EN60079-29-1
Compliant with the MED (Marine Equipment Directive) according to IEC60092-504**

	Item	Description	UNIT PRICE € (VAT excluded)
Central Units for EW40 Detection System			
	UCE40MPA	<p>Central gas detection unit with communication bus (1 loop) for connection with peripherals (up to 99 units) type: alarm modules, relay modules, display modules, Detectors type UR.40..e UR.41...</p> <p>Supervision and management functions of the EW40 system with cumulative alarm signals (pre-alarm, alarm Level 1, alarm Level 2, fault) via special relay outputs. User interface with backlit display with 6 multifunction keyboard. In self-extinguishing plastic case 144x144 for front panel mounting.</p> <ul style="list-style-type: none"> - Power supply: 10÷14 Vdc (230Vac with UCE40.AL .. power supply) - Control outputs: 4 SPDT 250Vac 8A relays - Interfaces: n.1 RS232 and n.1 RS485/422 (supervision - ModBus) - Degree of protection: IP54 	1.460,00
	option with card: CPB	<ul style="list-style-type: none"> - Battery charge and protect option, for batteries up to 10 Ah 	1.788,00
	UCE40MPA-CPB	Battery charge and protect option, for batteries up to 10 Ah	1.788,00
	UCE40.AL...	Auxiliary power supply 230 Vac	Depending on Power Requirement
Peripheral modules for EW40 system (communication via Bus)			
	MID40	<p>Alarm module with 4 digital inputs for centralizing events (generic alarms, buttons for manual alarm signaling).</p> <p>In self-extinguishing plastic case for DIN rail mounting.</p> <ul style="list-style-type: none"> - Power supply: 10÷14 Vdc - Digital inputs: n.4 voltage free contact - Degree of protection: IP20 (IP40 when correctly installed in electrical panel) 	284,00
	MAR40	<p>Relay module with 4 digital outputs for local control of auxiliary devices (solenoid valves, extractors, sirens, etc.) consequent to zone alarms (pre-alarm, alarm Level 1, alarm Level 2, fault).</p> <p>In self-extinguishing plastic case for DIN rail mounting.</p> <ul style="list-style-type: none"> - Power supply: 10÷14 Vdc - Control outputs: 4 SPDT 250Vac 8A relays - Degree of protection: IP20 (IP40 when correctly installed in electrical panel) 	284,00
	MDD40	<p>Display module for local display of the status of peripherals (alarm modules, detectors type UR.40..e UR.41 ..) associated with a single zone.</p> <p>In self-extinguishing plastic case for DIN rail mounting.</p> <ul style="list-style-type: none"> - Power supply: 10÷14 Vdc - Degree of protection: IP20 (IP40 when correctly installed in electrical panel) 	407,00



UR..41 New Gas Detectors for EW40 system via BUS

PLUS OF THE NEW DETECTORS

- Certification and compliance with the performance requirements according to EN60079-29-1
- Compliant with the MED (Marine Equipment Directive) according to IEC60092-504
- Compliant with safety regulations..... SIL1
- Professional Detectors with Extended Temperature Range..... -40° C ÷ +70° C
- Field calibration without enclosure opening (by magnetic actuator)
- Detectors with graphic display
- Detectors with n°3 cable entries
- Full compatibility with the classic generation of UR..40 Detectors
- Replaceability of the sensor body in accordance with the ATEX Ex d certification

UR..40 Classic Gas Detection Detectors for EW40 system via BUS

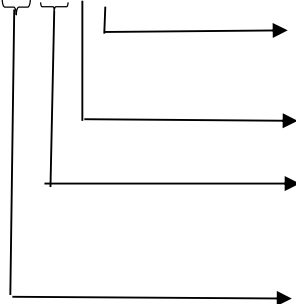
Detectors with n°3 cable entries

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SENSIGAS® Gas Detectors Coding:

Code:

*** UR xx yy z t ****



E = ATEX Explosion Proof (Ex d) Certified (for Zone 1 applications)

S = ATEX Not Sparking (Ex nA) Certified (for Zone 2 applications)

I = IP65 Protection Degree for no ATEX applications

L = IP55 Protection Degree for no ATEX applications

P = IP55 Protection Degree for Parking Applications

sensing element type:

S = Standard; P= Professional; I = Infrared;

"21" for Stand Alone detectors with 4...20 mA output

"41" for CAN Bus Based System EW40

G = Methane; P = LPG; O = Carbon Monoxide; B = Gasoline Vapours; L = Acetylene;

I = Hydrogen; M = Ammonia (LIE); C = Propane; T = Octane; E = Ethyl Alcohol;

S = Oxygen; D = Carbon Dioxide; X = Xylene; A = Acetone; H = Hexane;

Q = Cycle-Hexane; T = Toluene; N = Pentane; U = Butane; F = Heptane; K = Ethane;

J = Ammonia (Toxicity); V = Methanol; Z = Benzene; Y = Ethyl Acetate;

W = Hydrocyanic Acid; HS = Sulphuric Acid; HC = Hydrochloric Acid; CL = Chlorine;

N1 = Nitrogen Monoxide; N2 = Nitrogen Dioxide; N3 = Nitrous Oxide,

EO = Ethylene Oxide; GD = Biogas; HY = Hydrocarbons; R = Refrigerants.

* Prefix to the name of the Detector: DR = Display with Relays; DN = Display without Relays

** Suffix to the name of the Detector: EXR = Extended temperature range -40... +70° C (only for Professional Type).



UR...E = ATEX + MED Certified (Zone 1): II 2G Ex d IIC T6 Gb



UR...S = ATEX + MED Certified (Zone 2): II 3G Ex nA IIC T6 Gb







UR...I = Industrial / Marine Applications (MED Certified)
IP65 Protection degree








UR...L = Industrial / Marine Applications (MED Certified)
IP55 Protection degree







UR...P = Car Parks Applications - IP55 Protection degree





		Item	Description	UNIT PRICE € (VAT excluded)	
Gas detectors for EW40 system (bus communication) For IP55 industrial and naval applications					
	URx41zL		Gas detector in metal case with LED indicating functional status, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable by Central Unit. Life time count.		
	Detector model		- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (on demand): URx41PL-EXR -40°C ÷ +70°C	Detector model	
	Professional	Standard		Professional (Extended Range Temp On Demand)	Standard
	URG41PL	URG41SL	Methane gas detector	561,50	398,10
	URP41PL	URP41SL	LPG detector	561,50	398,10
	URB41PL	URB41SL	Petrol vapor detector	561,50	398,10
	URM41PL	URM41SL	Ammonia detector	561,50	398,10
	URI41PL	URI41SL	Hydrogen detector	561,50	398,10
	URC41PL	URC41SL	Propane detector	561,50	398,10
	URT41PL	URT41SL	Octane detector	561,50	398,10
	URL41PL	URL41SL	Acetylene detector	561,50	398,10
	URE41PL	URE41SL	Ethyl alcohol detector	561,50	398,10
		URO41SL	Carbon monoxide detector (CO)	457,40	
		URS41SL	Oxygen detector (O2)	818,00	
	URD41IL	Carbon dioxide (CO2) detector	1.166,50		
	URx41zL	Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
Gas detectors for EW40 system (bus communication) For IP65 industrial and naval applications					
	URx41zI		Gas detector in metal case with LED indicating functional status, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable by Central Unit. Life time count.		
	Detector model		- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (on demand): URx41PI-EXR -40°C ÷ +70°C	Detector model	
	Professional	Standard		Professional (Extended Range Temp On Demand)	Standard
	URG41PI	URG41SI	Methane gas detector	739,40	553,00
	URP41PI	URP41SI	LPG detector	739,40	553,00
	URB41PI	URB41SI	Petrol vapor detector	739,40	553,00
	URM41PI	URM41SI	Ammonia detector	739,40	553,00
	URI41PI	URI41SI	Hydrogen detector	739,40	553,00
	URC41PI	URC41SI	Propane detector	739,40	553,00
	URT41PI	URT41SI	Octane detector	739,40	553,00
	URL41PI	URL41SI	Acetylene detector	739,40	553,00
	URE41PI	URE41SI	Ethyl alcohol detector	739,40	553,00
		URO41SI	Carbon monoxide detector (CO)	626,80	
		URS41SI	Oxygen detector (O2)	987,40	
	URD41II	Carbon dioxide (CO2) detector	1.338,20		
	URx41zI	Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
	PAP40 Mounted		Front protection screen against splashes or excessive air flows, suitable for UR.20 .., UR40 .., UR.21 .., UR41 .. series detectors with ATEX or IP65 certified sensor body.	39,30	

Item		Description	UNIT PRICE € (VAT excluded)	
Gas detectors for EW40 system (bus communication) MED and ATEX Ex nA d IIC T6 Gb Certified				
	URx41zS	Gas detector in metal case (protection mode group II, category 3G, Ex nA IIC T6 Gb) with LED indicating functional status, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable by Central Unit. Life time count.		
	Detector model		Detector model	
	Professional	Standard	Professional (Extended Range Temp On Demand)	Standard
	URG41PS	URG41SS	Methane gas detector	635,30 444,10
	URP41PS	URP41SS	LPG detector	635,30 444,10
	URB41PS	URB41SS	Petrol vapor detector	635,30 444,10
	URM41PS	URM41SS	Ammonia detector	635,30 444,10
	URI41PS	URI41SS	Hydrogen detector	635,30 444,10
	URC41PS	URC41SS	Propane detector	635,30 444,10
	URT41PS	URT41SS	Octane detector	635,30 444,10
	URL41PS	URL41SS	Acetylene detector	635,30 444,10
	URE41PS	URE41SS	Ethyl alcohol detector	635,30 444,10
	URO41SS		Carbon monoxide detector (CO)	516,70
	URS41SS		Oxygen detector (O2)	887,00
URD41IS		Carbon dioxide (CO2) detector	1.239,10	
URx41zS		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand	
Gas detectors for EW40 system (bus communication) MED and ATEX Ex d IIC T6 Gb Certified				
	URx41zE	Gas detector in metal case (protection mode group II, category 2G, Ex d IIC T6 Gb) with LED indicating functional status, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable by Central Unit. Life time count.		
	Detector model		Detector model	
	Professional	Standard	Professional (Extended Range Temp On Demand)	Standard
	URG41PE	URG41SE	Methane gas detector	812,00 625,60
	URP41PE	URP41SE	LPG detector	812,00 625,60
	URB41PE	URB41SE	Petrol vapor detector	812,00 625,60
	URM41PE	URM41SE	Ammonia detector	812,00 625,60
	URI41PE	URI41SE	Hydrogen detector	812,00 625,60
	URC41PE	URC41SE	Propane detector	812,00 625,60
	URT41PE	URT41SE	Octane detector	812,00 625,60
	URL41PE	URL41SE	Acetylene detector	812,00 625,60
	URE41PE	URE41SE	Ethyl alcohol detector	812,00 625,60
	URO41SE		Carbon monoxide detector (CO)	701,80
	URS41SE		Oxygen detector (O2)	1.061,20
URD41IE		Carbon dioxide (CO2) detector	1.412,00	
URx41zE		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand	
	UZMAG	The UZMAG card has the purpose of allowing the calibration of the Detector (Ex-d type) without enclosure opening.	30,40	
	UCM	Magnetic actuator to be combined with the UZMAG board in order to allow calibration of the Detector without the enclosure opening	52,20	
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	39,30	





Detectors UR.41.. with Display

	Item	Description	UNIT PRICE € (VAT excluded)		
Gas detectors for EW40 system (bus communication) For IP55 industrial and naval applications					
	DN-URx41zL	Gas detector in metal case with LED indicating functional status, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable. Life time count.			
	Detector model		- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - 128x64 dot (32x18mm) backlit graphic display - Keys for navigating the menus (with case open) - Extended Temp Range (on demand): -40°C ÷ +70°C DN-URx41PL-FXR	Detector model	
	Professional	Standard		Professional (Extended Range Temp On Demand)	Standard
	DN-URG41PL	DN-URG41SL	Methane gas detector	797,40	634,10
	DN-URP41PL	DN-URP41SL	LPG detector	797,40	634,10
	DN-URB41PL	DN-URB41SL	Petrol vapor detector	797,40	634,10
	DN-URM41PL	DN-URM41SL	Ammonia detector	797,40	634,10
	DN-URI41PL	DN-URI41SL	Hydrogen detector	797,40	634,10
	DN-URC41PL	DN-URC41SL	Propane detector	797,40	634,10
	DN-URT41PL	DN-URT41SL	Octane detector	797,40	634,10
	DN-URL41PL	DN-URL41SL	Acetylene detector	797,40	634,10
	DN-URE41PL	DN-URE41SL	Ethyl alcohol detector	797,40	634,10
	DN-URO41SL		Carbon monoxide detector (CO)	693,40	
	DN-URS41SL		Oxygen detector (O2)	1.054,00	
DN-URD41IL		Carbon dioxide (CO2) detector	1.402,30		
DN-URx41zL		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
Gas detectors for EW40 system (bus communication) For IP65 industrial and naval applications					
	DN-URx41zI	Gas detector in metal case with LED indicating functional status, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable. Life time count.			
	Detector model		- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - 128x64 dot (32x18mm) backlit graphic display - Hall sensors for menu navigation with UCM magnetic actuator (with enclosure closed) - Extended Temp. Range (on demand): -40°C ÷ +70°C DN-URx41PI-FXR	Detector model	
	Professional	Standard		Professional (Extended Range Temp On Demand)	Standard
	DN-URG41PI	DN-URG41SI	Methane gas detector	1.115,70	929,30
	DN-URP41PI	DN-URP41SI	LPG detector	1.115,70	929,30
	DN-URB41PI	DN-URB41SI	Petrol vapor detector	1.115,70	929,30
	DN-URM41PI	DN-URM41SI	Ammonia detector	1.115,70	929,30
	DN-URI41PI	DN-URI41SI	Hydrogen detector	1.115,70	929,30
	DN-URC41PI	DN-URC41SI	Propane detector	1.115,70	929,30
	DN-URT41PI	DN-URT41SI	Octane detector	1.115,70	929,30
	DN-URL41PI	DN-URL41SI	Acetylene detector	1.115,70	929,30
	DN-URE41PI	DN-URE41SI	Ethyl alcohol detector	1.115,70	929,30
	DN-URO41SI		Carbon monoxide detector (CO)	1.003,10	
	DN-URS41SI		Oxygen detector (O2)	1.363,60	
DN-URD41II		Carbon dioxide (CO2) detector	1.714,50		
DN-URx41zI		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
	UCM	Magnetic actuator to be combined with the UZMAG board in order to allow calibration of the Detector without the enclosure opening	52,20		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	39,30		





Detectors UR.41.. with Display

	Item	Description	UNIT PRICE € (VAT excluded)		
Gas detectors for EW40 system (bus communication) MED and ATEX Ex nA d IIC T6 Gb Certified					
	DN-URx41zS	Gas detector in metal case (protection mode group II, category 3G, Ex nA IIC T6 Gb) with LED indicating functional status, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable . Life time count.			
	Detector model		- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - 128x64 dot (32x18mm) backlit graphic display - Keys for navigating the menus (with case open) - Extended Temp Range (on demand): -20°C ÷ +50°C - DN-URx41PS EXP	Detector model	
	Professional	Standard		Professional (Extended Range Temp On Demand)	Standard
	DN-URG41PS	DN-URG41SS	Methane gas detector	871,20	680,10
	DN-URP41PS	DN-URP41SS	LPG detector	871,20	680,10
	DN-URB41PS	DN-URB41SS	Petrol vapor detector	871,20	680,10
	DN-URM41PS	DN-URM41SS	Ammonia detector	871,20	680,10
	DN-URI41PS	DN-URI41SS	Hydrogen detector	871,20	680,10
	DN-URC41PS	DN-URC41SS	Propane detector	871,20	680,10
	DN-URT41PS	DN-URT41SS	Octane detector	871,20	680,10
	DN-URL41PS	DN-URL41SS	Acetylene detector	871,20	680,10
	DN-URE41PS	DN-URE41SS	Ethyl alcohol detector	871,20	680,10
	DN-URO41SS		Carbon monoxide detector (CO)	752,70	
	DN-URS41SS		Oxygen detector (O2)	1.124,10	
	DN-URD41IS		Carbon dioxide (CO2) detector	1.476,10	
DN-URx41zS		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
Gas detectors for EW40 system (bus communication) MED and ATEX Ex d IIC T6 Gb Certified					
	DN-URx41zE	Gas detector in metal case (protection mode group II, category 2G, Ex d IIC T6 Gb) with LED indicating functional status, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable . Life time count.			
	Detector model		- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - 128x64 dot (32x18mm) backlit graphic display - Hall sensors for menu navigation with UCM magnetic actuator (with enclosure closed) - Extended Temp. Range (on demand): -20°C ÷ +50°C - DN-UR-41PE EXP	Detector model	
	Professional	Standard		Professional (Extended Range Temp On Demand)	Standard
	DN-URG41PE	DN-URG41SE	Methane gas detector	1.188,30	1.001,90
	DN-URP41PE	DN-URP41SE	LPG detector	1.188,30	1.001,90
	DN-URB41PE	DN-URB41SE	Petrol vapor detector	1.188,30	1.001,90
	DN-URM41PE	DN-URM41SE	Ammonia detector	1.188,30	1.001,90
	DN-URI41PE	DN-URI41SE	Hydrogen detector	1.188,30	1.001,90
	DN-URC41PE	DN-URC41SE	Propane detector	1.188,30	1.001,90
	DN-URT41PE	DN-URT41SE	Octane detector	1.188,30	1.001,90
	DN-URL41PE	DN-URL41SE	Acetylene detector	1.188,30	1.001,90
	DN-URE41PE	DN-URE41SE	Ethyl alcohol detector	1.188,30	1.001,90
	DN-URO41SE		Carbon monoxide detector (CO)	1.078,20	
	DN-URS41SE		Oxygen detector (O2)	1.438,60	
	DN-URD41IE		Carbon dioxide (CO2) detector	1.789,50	
DN-URx41zE		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
	UCM	Magnetic actuator to be combined with the UZMAG board in order to allow calibration of the Detector without the enclosure opening	52,20		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	39,30		

Detectors UR.41.. with Display & Relays

Item		Description	UNIT PRICE € (VAT excluded)		
Gas detectors for EW40 system (bus communication) For IP55 industrial and naval applications					
	DR-URx41zL	Gas detector in metal case with LED indicating functional status, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable. Life time count.			
	Detector model		Detector model		
	Professional	Standard	Professional (Extended Range Temp On Demand)	Standard	
			- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - 128x64 dot (32x18mm) backlit graphic display - Keys for navigating the menus (with case open) - N. 4 SPDT relays integrated in the display board - Extended Temp. Range (on request): -40 ° C ÷ + 70 ° C DR-URx41PL-EXR		
	DR-URG41PL	DR-URG41SL	Methane gas detector	845,80	682,50
	DR-URP41PL	DR-URP41SL	LPG detector	845,80	682,50
	DR-URB41PL	DR-URB41SL	Petrol vapor detector	845,80	682,50
	DR-URM41PL	DR-URM41SL	Ammonia detector	845,80	682,50
	DR-URI41PL	DR-URI41SL	Hydrogen detector	845,80	682,50
	DR-URC41PL	DR-URC41SL	Propane detector	845,80	682,50
	DR-URT41PL	DR-URT41SL	Octane detector	845,80	682,50
	DR-URL41PL	DR-URL41SL	Acetylene detector	845,80	682,50
	DR-URE41PL	DR-URE41SL	Ethyl alcohol detector	845,80	682,50
	DR-URO41SL		Carbon monoxide detector (CO)	741,80	
	DR-URS41SL		Oxygen detector (O2)	1.102,40	
DR-URD41IL		Carbon dioxide (CO2) detector	1.450,70		
DR-URx41zL		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
Gas detectors for EW40 system (bus communication) For IP65 industrial and naval applications					
	DR-URx41zI	Gas detector in metal case with LED indicating functional status, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable.			
	Detector model		Detector model		
	Professional	Standard	Professional (Extended Range Temp On Demand)	Standard	
			- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - 128x64 dot (32x18mm) backlit graphic display - Hall sensors for menu navigation with UCM magnetic actuator (with enclosure closed) - N. 4 SPDT relays integrated in the display board - Extended Temp. Range (on request): -40 ° C ÷ + 70 ° C DR-URx41PI-EXR		
	DR-URG41PI	DR-URG41SI	Methane gas detector	1.164,10	977,70
	DR-URP41PI	DR-URP41SI	LPG detector	1.164,10	977,70
	DR-URB41PI	DR-URB41SI	Petrol vapor detector	1.164,10	977,70
	DR-URM41PI	DR-URM41SI	Ammonia detector	1.164,10	977,70
	DR-URI41PI	DR-URI41SI	Hydrogen detector	1.164,10	977,70
	DR-URC41PI	DR-URC41SI	Propane detector	1.164,10	977,70
	DR-URT41PI	DR-URT41SI	Octane detector	1.164,10	977,70
	DR-URL41PI	DR-URL41SI	Acetylene detector	1.164,10	977,70
	DR-URE41PI	DR-URE41SI	Ethyl alcohol detector	1.164,10	977,70
	DR-URO41SI		Carbon monoxide detector (CO)	1.051,50	
	DR-URS41SI		Oxygen detector (O2)	1.412,00	
DR-URD41II		Carbon dioxide (CO2) detector	1.762,90		
DR-URx41zI		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
	UCM	Magnetic actuator to be combined with the UZMAG board in order to allow calibration of the Detector without the enclosure opening	52,20		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	39,30		

Detectors UR.41.. with Display & Relays

	Item	Description	UNIT PRICE € (VAT excluded)		
Gas detectors for EW40 system (bus communication)					
MED and ATEX Ex nA d IIC T6 Gb Certified					
	DR-UR.41.S	Gas detector in metal case (protection mode group II, category 3G, Ex nA IIC T6 Gb) with functional status indication LED, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable . Life time count.			
	Detector model			Detector model	
	Professional	Standard	- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - 128x64 dot (32x18mm) backlit graphic display - Keys for navigating the menus (with case open) - N. 4 SPDT relays integrated in the display board - Extended Temp. Range (on request): -40 ° C ÷ + 70 ° C	Professional (Extended Range Temp On Demand)	Standard
	DR-URG41PS	DR-URG41SS	Methane gas detector	919,60	728,50
	DR-URP41PS	DR-URP41SS	LPG detector	919,60	728,50
	DR-URB41PS	DR-URB41SS	Petrol vapor detector	919,60	728,50
	DR-URM41PS	DR-URM41SS	Ammonia detector	919,60	728,50
	DR-URI41PS	DR-URI41SS	Hydrogen detector	919,60	728,50
	DR-URC41PS	DR-URC41SS	Propane detector	919,60	728,50
	DR-URT41PS	DR-URT41SS	Octane detector	919,60	728,50
	DR-URL41PS	DR-URL41SS	Acetylene detector	919,60	728,50
	DR-URE41PS	DR-URE41SS	Ethyl alcohol detector	919,60	728,50
			DR-URO41SS	801,10	
			DR-URS41SS	1.172,50	
			DR-URD41IS	1.524,50	
		DR-URx41zS	Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand	
Gas detectors for EW40 system (bus communication)					
MED and ATEX Ex d IIC T6 Gb Certified					
	DR-URx41zE	Gas detector in metal case (protection mode group II, category 2G, Ex d IIC T6 Gb) with LED indicating functional status, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable . Life time count.			
	Detector model			Detector model	
	Professional	Standard	- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - 128x64 dot (32x18mm) backlit graphic display - Hall sensors for menu navigation with UCM magnetic actuator (with enclosure closed) - N. 4 SPDT relays integrated in the display board - Extended Temp. Range (on request): -40 ° C ÷ + 70 ° C	Professional (Extended Range Temp On Demand)	Standard
	DR-URG41PE	DR-URG41SE	Methane gas detector	1.236,70	1.050,30
	DR-URP41PE	DR-URP41SE	LPG detector	1.236,70	1.050,30
	DR-URB41PE	DR-URB41SE	Petrol vapor detector	1.236,70	1.050,30
	DR-URM41PE	DR-URM41SE	Ammonia detector	1.236,70	1.050,30
	DR-URI41PE	DR-URI41SE	Hydrogen detector	1.236,70	1.050,30
	DR-URC41PE	DR-URC41SE	Propane detector	1.236,70	1.050,30
	DR-URT41PE	DR-URT41SE	Octane detector	1.236,70	1.050,30
	DR-URL41PE	DR-URL41SE	Acetylene detector	1.236,70	1.050,30
	DR-URE41PE	DR-URE41SE	Ethyl alcohol detector	1.236,70	1.050,30
			DR-URO41SE	1.126,60	
			DR-URS41SE	1.487,00	
			DR-URD41IE	1.837,90	
		DR-URx41zE	Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand	
	UCM	Magnetic actuator to be combined with the UZMAG board in order to allow calibration of the Detector without the enclosure opening	52,20		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	39,30		

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UR..21 New Gas Detectors
Stand Alone 4 ÷ 20 mA

PLUS OF THE NEW DETECTORS

- Certification and compliance with the performance requirements according to EN60079-29-1
- Compliant with the MED (Marine Equipment Directive) according to IEC60092-504
- Compliant with safety regulations..... SIL1
- Professional Detectors with Extended Temperature Range..... -40°C ÷ +70°C
- Field calibration without Enclosure opening (by magnetic actuator)
- Detectors with graphic display
- Detectors Exd and IP65 with n°3 cable entries
- Full compatibility with the classic generation of UR..20 Detectors
- Replaceability of the sensor body in accordance with the ATEX Ex d certification





Detectors UR.21..

Gas detectors for industrial and naval applications










Stand alone 4÷20 mA output or for UCE1 and UCE4 control units

(optional boards: UZR20.4 with 4 relay outputs; UZS20 .. with resistive optically isolated outputs)

	Item	Description	UNIT PRICE € (VAT excluded)		
For IP55 industrial and naval applications					
	URx21zL	Gas detector in metal case with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch. N.4 relay outputs (with optional UZR20.4 board). Resistive output (with optional UZS20 .. cards). - Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (On request): URx21PL-EXR -40 °C ÷ + 70 °C			
	Detector model		Detector model		
	Professional	Standard	Professional (Extended Range Temp On Demand)	Standard	
	URG21PL	URG21SL	Methane gas detector	558,50	373,90
	URP21PL	URP21SL	LPG detector	558,50	373,90
	URB21PL	URB21SL	Petrol vapor detector	558,50	373,90
	URM21PL	URM21SL	Ammonia detector	558,50	373,90
	URI21PL	URI21SL	Hydrogen detector	558,50	373,90
	URC21PL	URC21SL	Propane detector	558,50	373,90
	URT21PL	URT21SL	Octane detector	558,50	373,90
	URL21PL	URL21SL	Acetylene detector	558,50	373,90
	URE21PL	URE21SL	Ethyl alcohol detector	558,50	373,90
	URO21SL		Carbon monoxide detector (CO)	434,40	
	URS21SL		Oxygen detector (O2)	780,50	
	URD21IL		Carbon dioxide (CO2) detector	1.112,00	
	URx21zL		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand	
For IP65 industrial and naval applications					
	URx21zI	Gas detector in metal case with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch. N.4 relay outputs (with optional UZR20.4 board). Resistive output (with optional UZS20 .. cards). - Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (On request): URx21PI-EXR -40 °C ÷ + 70 °C			
	Detector model		Detector model		
	Professional	Standard	Professional (Extended Range Temp On Demand)	Standard	
	URG21PI	URG21SI	Methane gas detector	708,50	524,60
	URP21PI	URP21SI	LPG detector	708,50	524,60
	URB21PI	URB21SI	Petrol vapor detector	708,50	524,60
	URM21PI	URM21SI	Ammonia detector	708,50	524,60
	URI21PI	URI21SI	Hydrogen detector	708,50	524,60
	URC21PI	URC21SI	Propane detector	708,50	524,60
	URT21PI	URT21SI	Octane detector	708,50	524,60
	URL21PI	URL21SI	Acetylene detector	708,50	524,60
	URE21PI	URE21SI	Ethyl alcohol detector	708,50	524,60
	URO21SI		Carbon monoxide detector (CO)	594,20	
	URS21SI		Oxygen detector (O2)	943,80	
	URD21II		Carbon dioxide (CO2) detector	1.277,70	
	URx21zI		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand	
PAP40		Front protection screen for splashes or excessive air flows (see page 16)	39,30		

Gas detectors for industrial applications in MED and ATEX classified areas





*Stand alone 4÷20 mA output or for UCE1 and UCE4 control units
 (optional boards: UZR20.4 with 4 relay outputs; UZS20 .. with resistive optically isolated outputs)*

	Item	Description	UNIT PRICE € (VAT excluded)		
MED and ATEX Ex nA nC d IIC T6 Gb Certified					
	URx21zS	Gas detector in metal case with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch. N.4 relay outputs (with optional UZR20.4 board). Resistive output (with optional UZS20 .. cards). - Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (On request): URx21PL-EXR -40 °C ÷ + 70 °C			
	Detector model		Detector model		
	Professional	Standard	Professional (Extended Range Temp On Demand)	Standard	
	URG21PS	URG21SS	Methane gas detector	628,00	425,40
	URP21PS	URP21SS	LPG detector	628,00	425,40
	URB21PS	URB21SS	Petrol vapor detector	628,00	425,40
	URM21PS	URM21SS	Ammonia detector	628,00	425,40
	URI21PS	URI21SS	Hydrogen detector	628,00	425,40
	URC21PS	URC21SS	Propane detector	628,00	425,40
	URT21PS	URT21SS	Octane detector	628,00	425,40
	URL21PS	URL21SS	Acetylene detector	628,00	425,40
	URE21PS	URE21SS	Ethyl alcohol detector	628,00	425,40
	URO21SS		Carbon monoxide detector (CO)	494,90	
	URS21SS		Oxygen detector (O2)	847,00	
URD21IS		Carbon dioxide (CO2) detector	1.182,20		
URx21zS		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
MED and ATEX Ex d IIC T6 Gb Certified					
	URx21zE	Gas detector in metal case with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch. N.4 relay outputs (with optional UZR20.4 board). Resistive output (with optional UZS20 .. cards). - Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (On request): URx21PL-EXR -40 °C ÷ + 70 °C			
	Detector model		Detector model		
	Professional	Standard	Professional (Extended Range Temp On Demand)	Standard	
	URG21PE	URG21SE	Methane gas detector	778,60	590,00
	URP21PE	URP21SE	LPG detector	778,60	590,00
	URB21PE	URB21SE	Petrol vapor detector	778,60	590,00
	URM21PE	URM21SE	Ammonia detector	778,60	590,00
	URI21PE	URI21SE	Hydrogen detector	778,60	590,00
	URC21PE	URC21SE	Propane detector	778,60	590,00
	URT21PE	URT21SE	Octane detector	778,60	590,00
	URL21PE	URL21SE	Acetylene detector	778,60	590,00
	URE21PE	URE21SE	Ethyl alcohol detector	778,60	590,00
	URO21SE		Carbon monoxide detector (CO)	669,20	
	URS21SE		Oxygen detector (O2)	1.015,20	
URD21IE		Carbon dioxide (CO2) detector	1.349,10		
URx21zE		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
Accessories for UR.21.. type gas detectors					
	UZR20.4	n.4 SPDT relays Card	49,80		
	UZS20.E	Board with 1 optically isolated resistive output (two wires); 22KOhm = normal operation, 10Kohm = pre-alarm, 2.2KOhm = 1st threshold alarm, open = fault	22,00		
	UZS20.A	Board with 1 optically isolated resistive output (two wires); 27KOhm = normal operation, 10Kohm = 1st threshold alarm, open = fault	17,40		
	UZS20.S	Board with 1 optically isolated resistive output (two wires); 2.2KOhm = normal operation, 0 Ohm = 1st threshold alarm, open = fault	17,40		
	UZMAG	The UZMAG card has the purpose of allowing the calibration of the Detector (Ex-d type) without enclosure opening.	30,40		
	UCM	Magnetic actuator to be combined with the UZMAG board in order to allow calibration of the Detector without the enclosure opening	52,20		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	39,30		

Detectors UR..21.. with Display





Gas detectors for industrial and naval applications

Stand alone 4÷20 mA output or for UCE1 and UCE4 control units

	Item	Description	UNIT PRICE € (VAT excluded)		
For IP55 industrial and naval applications					
	DN-URx21zL	Gas detector in metal case IP55 with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch.			
	Detector model		- Power supply 10÷28 Vdc - For relay outputs see DR-URx21zL version - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (on demand): DN-URx21PL-EXR -40 °C ÷ + 70 °C - 128x64 dot (32x18mm) backlit graphic display - Keys for menu navigation (with open case)	Detector model	
	Professional	Standard		Professional (Extended Range Temp On Demand)	Standard
	DN-URG21PL	DN-URG21SL	Methane gas detector	793,20	608,70
	DN-URP21PL	DN-URP21SL	LPG detector	793,20	608,70
	DN-URB21PL	DN-URB21SL	Petrol vapor detector	793,20	608,70
	DN-URM21PL	DN-URM21SL	Ammonia detector	793,20	608,70
	DN-URI21PL	DN-URI21SL	Hydrogen detector	793,20	608,70
	DN-URC21PL	DN-URC21SL	Propane detector	793,20	608,70
	DN-URT21PL	DN-URT21SL	Octane detector	793,20	608,70
	DN-URL21PL	DN-URL21SL	Acetylene detector	793,20	608,70
	DN-URE21PL	DN-URE21SL	Ethyl alcohol detector	793,20	608,70
	DN-URO21SL		Carbon monoxide detector (CO)	669,20	
	DN-URS21SL		Oxygen detector (O2)	1.015,20	
	DN-URD21IL		Carbon dioxide (CO2) detector	1.346,70	
DN-URx21zL		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
For IP65 industrial and naval applications					
	DN-URx21zI	Gas detector in metal case IP55 with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch.			
	Detector model		- Power supply 10÷28 Vdc - For relay outputs see DR-URx21zI version - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (on demand): DN-URx21PI-EXR -40 °C ÷ + 70 °C - 128x64 dot (32x18mm) backlit graphic display - Hall sensors for menu navigation with magnetics actuator UCM (with enclosure closed)	Detector model	
	Professional	Standard		Professional (Extended Range Temp On Demand)	Standard
	DN-URG21PI	DN-URG21SI	Methane gas detector	1.082,30	898,40
	DN-URP21PI	DN-URP21SI	LPG detector	1.082,30	898,40
	DN-URB21PI	DN-URB21SI	Petrol vapor detector	1.082,30	898,40
	DN-URM21PI	DN-URM21SI	Ammonia detector	1.082,30	898,40
	DN-URI21PI	DN-URI21SI	Hydrogen detector	1.082,30	898,40
	DN-URC21PI	DN-URC21SI	Propane detector	1.082,30	898,40
	DN-URT21PI	DN-URT21SI	Octane detector	1.082,30	898,40
	DN-URL21PI	DN-URL21SI	Acetylene detector	1.082,30	898,40
	DN-URE21PI	DN-URE21SI	Ethyl alcohol detector	1.082,30	898,40
	DN-URO21SI		Carbon monoxide detector (CO)	968,00	
	DN-URS21SI		Oxygen detector (O2)	1.317,60	
	DN-URD21II		Carbon dioxide (CO2) detector	1.651,60	
DN-URx21zI		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
	UCM	Magnetic actuator to allow calibration of the Detector without the enclosure opening	52,20		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	39,30		





Detectors UR..21.. with Display





Gas detectors for industrial applications in MED and ATEX classified areas Stand alone 4÷20 mA output or for UCE1 and UCE4 control units

	Item	Description	UNIT PRICE € (VAT excluded)		
MED and ATEX Ex nA nC d IIC T6 Gb Certified					
	DN-URx21zS	Gas detector in metal case IP55 with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch.			
	Detector model		- Power supply 10÷28 Vdc - For relay outputs see DR-URx21zS version - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (on demand): DN-URx21PS-EXR -40 °C ÷ + 70 °C - 128x64 dot (32x18mm) backlit graphic display - Keys for navigating the menus (with open case)	Detector model	
	Professional	Standard		Professional (Extended Range Temp On Demand)	Standard
	DN-URG21PS	URG21SS	Methane gas detector	862,80	660,20
	DN-URP21PS	URP21SS	LPG detector	862,80	660,20
	DN-URB21PS	URB21SS	Petrol vapor detector	862,80	660,20
	DN-URM21PS	URM21SS	Ammonia detector	862,80	660,20
	DN-URI21PS	URI21SS	Hydrogen detector	862,80	660,20
	DN-URC21PS	URC21SS	Propane detector	862,80	660,20
	DN-URT21PS	URT21SS	Octane detector	862,80	660,20
	DN-URL21PS	URL21SS	Acetylene detector	862,80	660,20
	DN-URE21PS	URE21SS	Ethyl alcohol detector	862,80	660,20
	DN-URO21SS		Carbon monoxide detector (CO)	729,70	
	DN-URS21SS		Oxygen detector (O2)	1.081,80	
	DN-URD21IS		Carbon dioxide (CO2) detector	1.416,90	
DN-URx21zS		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
MED and ATEX Ex d IIC T6 Gb Certified					
	DN-URx21zE	Gas detector in metal case IP55 with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch.			
	Detector model		- Power supply 10÷28 Vdc - For relay outputs see DR-URx21zE version - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (on demand): DN-URx21PE-EXR -40 °C ÷ + 70 °C - 128x64 dot (32x18mm) backlit graphic display - Hall sensors for menu navigation with actuator UCM magnetic (with enclosure closed)	Detector model	
	Professional	Standard		Professional (Extended Range Temp On Demand)	Standard
	DN-URG21PE	URG21SE	Methane gas detector	1.152,50	963,80
	DN-URP21PE	URP21SE	LPG detector	1.152,50	963,80
	DN-URB21PE	URB21SE	Petrol vapor detector	1.152,50	963,80
	DN-URM21PE	URM21SE	Ammonia detector	1.152,50	963,80
	DN-URI21PE	URI21SE	Hydrogen detector	1.152,50	963,80
	DN-URC21PE	URC21SE	Propane detector	1.152,50	963,80
	DN-URT21PE	URT21SE	Octane detector	1.152,50	963,80
	DN-URL21PE	URL21SE	Acetylene detector	1.152,50	963,80
	DN-URE21PE	URE21SE	Ethyl alcohol detector	1.152,50	963,80
	DN-URO21SE		Carbon monoxide detector (CO)	1.043,10	
	DN-URS21SE		Oxygen detector (O2)	1.389,00	
	DN-URD21IE		Carbon dioxide (CO2) detector	1.723,00	
DN-URx21zE		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
	UCM	Magnetic actuator to allow calibration of the Detector without the enclosure opening	52,20		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	39,30		

Gas detectors for industrial and naval applications

Stand alone 4÷20 mA output or for UCE1 and UCE4 control units

	Item	Description	UNIT PRICE € (VAT excluded)		
For IP55 industrial and naval applications					
	DR-URx21zL	Gas detector in metal case IP55 with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch.			
	Detector model		- Power supply 10÷28 Vdc - Control outputs: N. 4 SPDT relays integrated in the display board - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (on demand): DR-URx21PL-EXR -40 °C ÷ + 70 °C - 128x64 dot (32x18mm) backlit graphic display - Keys for menu navigation (with open case)	Detector model	
	Professional	Standard		Professional (Extended Range Temp On Demand)	Standard
	DR-URG21PL	DR-URG21SL	Methane gas detector	841,60	657,10
	DR-URP21PL	DR-URP21SL	LPG detector	841,60	657,10
	DR-URB21PL	DR-URB21SL	Petrol vapor detector	841,60	657,10
	DR-URM21PL	DR-URM21SL	Ammonia detector	841,60	657,10
	DR-URI21PL	DR-URI21SL	Hydrogen detector	841,60	657,10
	DR-URC21PL	DR-URC21SL	Propane detector	841,60	657,10
	DR-URT21PL	DR-URT21SL	Octane detector	841,60	657,10
	DR-URL21PL	DR-URL21SL	Acetylene detector	841,60	657,10
	DR-URE21PL	DR-URE21SL	Ethyl alcohol detector	841,60	657,10
	DR-URO21SL		Carbon monoxide detector (CO)	717,60	
	DR-URS21SL		Oxygen detector (O2)	1.063,60	
	DR-URD21IL		Carbon dioxide (CO2) detector	1.395,10	
DR-URx21zL		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
For IP65 industrial and naval applications					
	DR-URx21zI	Gas detector in metal case IP55 with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch.			
	Detector model		- Power supply 10÷28 Vdc - Control outputs: N. 4 SPDT relays integrated in the display board - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (on demand): DR-URx21PI-EXR -40 °C ÷ + 70 °C - 128x64 dot (32x18mm) backlit graphic display - Hall sensors for menu navigation with actuator UCM magnetic (with enclosure closed)	Detector model	
	Professional	Standard		Professional (Extended Range Temp On Demand)	Standard
	DR-URG21PI	DR-URG21SI	Methane gas detector	1.130,70	946,80
	DR-URP21PI	DR-URP21SI	LPG detector	1.130,70	946,80
	DR-URB21PI	DR-URB21SI	Petrol vapor detector	1.130,70	946,80
	DR-URM21PI	DR-URM21SI	Ammonia detector	1.130,70	946,80
	DR-URI21PI	DR-URI21SI	Hydrogen detector	1.130,70	946,80
	DR-URC21PI	DR-URC21SI	Propane detector	1.130,70	946,80
	DR-URT21PI	DR-URT21SI	Octane detector	1.130,70	946,80
	DR-URL21PI	DR-URL21SI	Acetylene detector	1.130,70	946,80
	DR-URE21PI	DR-URE21SI	Ethyl alcohol detector	1.130,70	946,80
	DR-URO21SI		Carbon monoxide detector (CO)	1.016,40	
	DR-URS21SI		Oxygen detector (O2)	1.366,00	
	DR-URD21II		Carbon dioxide (CO2) detector	1.700,00	
DR-URx21zI		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
	UCM	Magnetic actuator to allow calibration of the Detector without the enclosure opening	52,20		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	39,30		

Gas detectors for industrial applications in MED and ATEX classified areas					
Stand alone 4÷20 mA output or for UCE1 and UCE4 control units					
	Item	Description		UNIT PRICE €	
(VAT excluded)					
MED and ATEX Ex nA nC d IIC T6 Gb Certified *					
*(T5 for version with extended temperature range)					
	DR-URx21zS		Gas detector in metal case IP55 with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch.		
	Detector model		- Power supply 10÷28 Vdc	Detector model	
	Professional	Standard	- Control outputs: N. 4 SPDT relays integrated in the display board	Professional (Extended Range Temp On Demand)	Standard
			- Operating temperature: -20°C ÷ +50°C		
			- Extended Temp. Range (on demand): DR-URx21PS-EXR -40 °C ÷ + 70 °C		
			- 128x64 dot (32x18mm) backlit graphic display		
			- Keys for menu navigation (with open case)		
	DR-URG21PS	DR-URG21SS	Methane gas detector	911,20	708,50
	DR-URP21PS	DR-URP21SS	LPG detector	911,20	708,50
	DR-URB21PS	DR-URB21SS	Petrol vapor detector	911,20	708,50
	DR-URM21PS	DR-URM21SS	Ammonia detector	911,20	708,50
	DR-URI21PS	DR-URI21SS	Hydrogen detector	911,20	708,50
	DR-URC21PS	DR-URC21SS	Propane detector	911,20	708,50
	DR-URT21PS	DR-URT21SS	Octane detector	911,20	708,50
	DR-URL21PS	DR-URL21SS	Acetylene detector	911,20	708,50
DR-URE21PS	DR-URE21SS	Ethyl alcohol detector	911,20	708,50	
DR-URO21SS		Carbon monoxide detector (CO)	778,10		
DR-URS21SS		Oxygen detector (O2)	1.130,20		
DR-URD21IS		Carbon dioxide (CO2) detector	1.465,30		
DR-URx21zS		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
MED and ATEX Ex d IIC T6 Gb Certified *					
*(T5 for version with extended temperature range)					
	DR-URx21zE		Gas detector in metal case IP55 with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch.		
	Detector model		- Power supply 10÷28 Vdc	Detector model	
	Professional	Standard	- Control outputs: N. 4 SPDT relays integrated in the display board	Professional (Extended Range Temp On Demand)	Standard
			- Operating temperature: -20°C ÷ +50°C		
			- Extended Temp. Range (on demand): DR-URx21PE-EXR -40 °C ÷ + 70 °C		
			- 128x64 dot (32x18mm) backlit graphic display		
			- Hall sensors for menu navigation with actuator UCM magnetic (with enclosure closed)		
	DR-URG21PE	DR-URG21SE	Methane gas detector	1.200,90	1.012,20
	DR-URP21PE	DR-URP21SE	LPG detector	1.200,90	1.012,20
	DR-URB21PE	DR-URB21SE	Petrol vapor detector	1.200,90	1.012,20
	DR-URM21PE	DR-URM21SE	Ammonia detector	1.200,90	1.012,20
	DR-URI21PE	DR-URI21SE	Hydrogen detector	1.200,90	1.012,20
	DR-URC21PE	DR-URC21SE	Propane detector	1.200,90	1.012,20
	DR-URT21PE	DR-URT21SE	Octane detector	1.200,90	1.012,20
	DR-URL21PE	DR-URL21SE	Acetylene detector	1.200,90	1.012,20
DR-URE21PE	DR-URE21SE	Ethyl alcohol detector	1.200,90	1.012,20	
DR-URO21SE		Carbon monoxide detector (CO)	1.091,50		
DR-URS21SE		Oxygen detector (O2)	1.437,40		
DR-URD21IE		Carbon dioxide (CO2) detector	1.771,40		
DR-URx21zE		Detector for other gases, for example: xylene, acetone, hexane, cyclohexane, toluene, pentane, butane, heptane, ethane, ethanol, methanol, benzene, ethyl acetate, hydrogen cyanide, hydrogen sulphide, chlorine, nitrogen oxides, ethylene oxide, biogas, hydro fluorine carbides, other refrigerants	on demand		
	UCM		Magnetic actuator to allow calibration of the Detector without the enclosure opening	52,20	
	PAP40		Front protection screen for splashes or excessive air flows (see page 16)	39,30	

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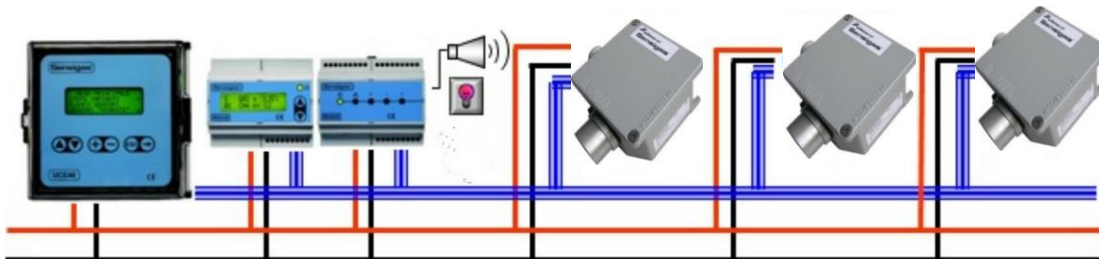
Systems and Gas Detectors for Parking and Tunnel




Stand Alone 4÷20 mA Gas Detectors







EW40 Bus Based System




**Parking and Tunnel gas detectors Compliant to EN 50545-1
with 4÷20 mA output for conventional analog control units
(optional boards UZR20.4 with 4 relay outputs; UZS20 .. with optically isolated resistive outputs)**

	Item	Description	UNIT PRICE € (VAT excluded)
Degree of protection IP55 Compliant with Performance Requirements according to EN60079-29-1			
	URx21SP	Gas detector in metal case with LED indicating functional status, for signaling gas alarms via 4÷20 mA analogue output or on intervention thresholds (pre-alarm, level 1 and 2 alarms, fault) freely settable via dip-switch. N.4 output relays (with optional UZR20.4 board). Resistive output (with optional UZS20 .. cards). - Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C	
	URB21SP	Petrol Vapor Detector	308,60
	URO21SP	Carbon monoxide (CO) detector	369,10
	URG21SP	Methane detector	308,60
	URP21SP	LPG detector	308,60
	URx21SP	Detector for other gases	on demand

Accessories for URx21SP type gas detectors

	UZR20.4	n.4 SPDT relays Card	49,80
	UZS20.E	Board with 1 optically isolated resistive output (two wires); 22KOhm = normal operation, 10Kohm = pre-alarm, 2.2KOhm = 1st threshold alarm, open = fault	22,00
	UZS20.A	Board with 1 optically isolated resistive output (two wires); 27KOhm = normal operation, 10Kohm = 1st threshold alarm, open = fault	17,40
	UZS20.S	Board with 1 optically isolated resistive output (two wires); 2.2KOhm = normal operation, 0 Ohm = 1st threshold alarm, open = fault	17,40

**Parking and Tunnel gas detectors Compliant to EN 50545-1
for EW40 system (bus communication)**

	Item	Description	UNIT PRICE € (VAT excluded)
Degree of protection IP55 Compliant with Performance Requirements according to EN60079-29-1			
	URx41SP	Gas detector in metal case, for centralizing gas alarms on three intervention thresholds (pre-alarm, level 1 and 2 alarms) freely settable by the Central Unit UCE40MPA. - Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C	
	URB41SP	Petrol Vapor Detector	323,10
	URO41SP	Carbon monoxide (CO) detector	386,00
	URG41SP	Methane detector	323,10
	URP41SP	LPG detector	323,10
	URx41SP	Detector for other gases	on demand

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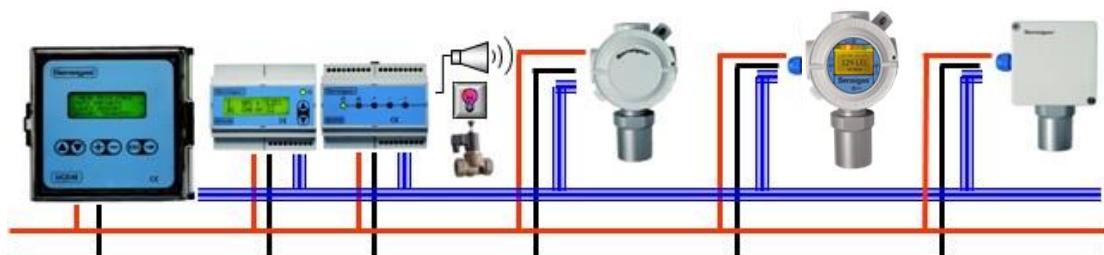
Check and Calibration tools for Industrial and Naval Detectors



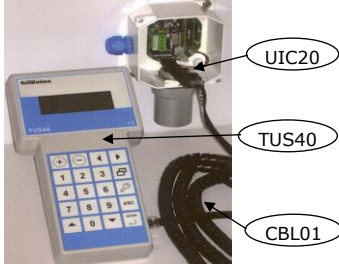



Stand Alone 4÷20 mA Gas Detectors



EW40 Bus Based System



"Service Tools and Calibration Verification for Stand Alone Sensors and EW40 gas detection system for industrial and naval applications "

	Item	Description	UNIT PRICE € (VAT excluded)
Monitoring and Programming Terminal for UR.20 .., UR.21 .. and UR.41 .. Detectors			
	TUS40-20	<p>The TUS40-20 Kit is a terminal for monitoring and programming the UR.20, 21 and 41 Detectors consisting of:</p> <ul style="list-style-type: none"> - TUS40 service terminal unit - UIC20 connection unit between sensor and coiled cable - Coiled cable CBL01 3m long <p>The sensor shown in the picture is not supplied</p>	798,60
Monitoring and Programming Terminal for UR.40 sensors.			
	TUS40-40	<p>The TUS40-40 Kit is a terminal for monitoring and programming the UR.40 .. Detectors, consisting of:</p> <ul style="list-style-type: none"> - TUS40 service terminal unit - UIC40 connection unit - Coiled cable CBL01 3m long - CBL02 "T" connector for detector connection <p>The sensor shown in the picture is not supplied</p>	965,60
Calibration and Test Case			
	TUL40...	<p>Calibration and test case TUL40... made up of at least:</p> <ul style="list-style-type: none"> - 1L volume cylinder containing 12L of calibrated gas (Mixtures Methane, CO, etc.) - Pressure reducer and flow regulator - Flow chamber suitable for the sensitive element - Connection pipe between cylinder and adapter (2 meters) 	on demand
Accessories for Calibration and Test Case			
	TUL40.FLUX	Precision flow meter 1L/min of full scale range	213,00
Parts for Calibration and Test Case			
	UR-.RID	Pressure reducers	
	UR-RID	for UR-BTL .. Small cylinder	on demand
	UR-GRID	for UR-GBTL .. Large cylinder	on demand
	URCAP.ESI	<p>Flow chamber suitable for UR ... E, I, S type detectors</p> <p>The sensor shown in the picture is not supplied</p>	173,10
	URCAP.L	<p>Flow chamber suitable for UR... L, SP type detectors</p> <p>The sensor shown in the picture is not supplied</p>	173,10
	UR-BTL..	Gas cylinders of calibrated gases for detectors check and calibration	on demand
	UR-BTL	1L / 12bar volume cylinder	on demand
	UR-GBTL	1.5L / 40... 68bar volume cylinder	on demand

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