

Sensigas

[®]

Revision index

n° Rev.	Description	Date	Note
00	Emission	14/01/22	
01	Corrigendum for UCE1 and UCE4	15/02/22	page 10

INDEX

Pag.

TERMS AND CONDITIONS	4
Gas Leak Detectors For Residential Use	5
Wall mounting	
NEW DESIGN	
Wall mounting Methane, LPG, Carbon Monoxide (CO) gas detectors.....	6
Accessories for wall mounting gas detectors.....	6
CLASSIC DESIGN	
Wall mounting Methane, LPG, Carbon Monoxide (CO) gas detectors.....	7
Accessories for wall mounting gas detectors.....	7
Flush mountig	
Flush mounting Methane, LPG, Carbon Monoxide (CO) gas detectors.....	8
Flush mounting Narcotic gas detectors.....	8
Gas Detection Systems for Heating Rooms	9
Central Units for DIN Rail mounting	
Central Units UCE1 and UCE4 for threshold and proportional probes (4 ÷ 20 mA) 1 - 4 probes	10
Ultra-thin 12 Vdc power supplies for DIN rail for Central Unit UCE1 and UCE4.....	10
Central Units for only Threshold probes 1 - 4 probes.....	10
Central units for wall or front panel mounting	
Central Unit for only Threshold probes 1 - 3 probes.....	11
Extension Unit for only Threshold probes up to 6 probes and more.....	11
Accessories for Central Unit and Extension Unit (Relay Card; Battery Charger Card)	11
Gas detection probes for Methane, LPG, CO (Carbon Oxide)	
Gas detection threshold probes for Methane, LPG, CO (Carbon Oxide)	12
Proportional 4 ÷ 20 mA gas detection probes	12
EW40 GAS DETECTION SYSTEM via BUS FOR INDUSTRIAL APPLICATIONS	13
EW40 SYSTEM (on EW40 Bus)	
Central Unit UCE40.....	14
Peripheral modules M..40.....	14
INDUSTRIAL GAS DETECTION DETECTORS FOR EW40 SYSTEM VIA BUS	15
NEW DetectorS UR.41 .. ON BUS (EW40)	15
(EXTENDED TEMPERATURE RANGE AND COMPLIANT TO PERFORMANCE REQUIREMENTS AND SIL)	
Gas Detectors on bus (EW40) industrial version IP55 and IP65.....	16
Gas Detectors on bus (EW40) ATEX Ex nA and Ex d versions.....	17
Accessories for Detectors type UR.41	17
Gas Detectors on bus (EW40) DN-UR.41 .. with DISPLAY, industrial version IP55 and IP65	18
Gas Detectors on bus (EW40) DN-UR.41 .. with DISPLAY, ATEX Ex nA and Ex d version	19
Gas Detectors on bus (EW40) DR-UR.41 .. with DISPLAY and RELAY, industrial version IP55 and IP65	20
Gas Detectors on bus (EW40) DR-UR.41 .. with DISPLAY and RELAY, ATEX Ex nA and Ex d version	21
CLASSIC DETECTORS UR.40 .. ON BUS (EW40)	
Gas Detectors on bus (EW40) industrial version IP55 and IP65	22
Gas Detectors on bus (EW40) ATEX Ex nA and Ex d versions	23
STAND ALONE INDUSTRIAL GAS DETECTORS 4 ÷ 20 mA	25
NEW UR.21 DETECTORS.. STAND ALONE 4 ÷ 20 mA	25
(EXTENDED TEMPERATURE RANGE AND COMPLIANT TO PERFORMANCE REQUIREMENTS AND SIL)	
Gas Detectors 4÷20 mA industrial version IP55 and IP65	26
Gas Detectors 4÷20 mA ATEX Ex nA and Ex d version	27
Accessories for UR.21.. type detectors	27
Gas Detectors 4 ÷ 20 mA DN-UR.21 .. with DISPLAY, industrial version IP55 and IP65	28
Gas Detectors 4 ÷ 20 mA DN-UR.41 .. with DISPLAY, ATEX Ex nA and Ex d version	29
Gas Detectors 4 ÷ 20 mA DR-UR.21 .. with DISPLAY and RELAY, industrial version IP55 and IP65	30
Gas Detectors 4 ÷ 20 mA DR-UR.21 .. with DISPLAY and RELAY, ATEX Ex nA and Ex d version	31
CLASSIC DETECTORS UR.20 .. STAND ALONE 4 ÷ 20 mA	
Gas Detectors 4÷20 mA industrial version IP55 and IP65	32
Gas Detectors 4÷20 mA ATEX Ex nA and Ex d version	33
Accessories for UR.20 type detectors.....	33
GAS DETECTION SYSTEM FOR PARKING (4 ÷ 20mA and on EW40 bus)	35
NEW DETECTORS FOR PARKING	
UR.21SP 4÷20 mA Gas Detectors IP55 parking version	36
UR.41SP Gas Detectors on bus (EW40) IP55 parking version	36
Accessories for detectors type UR.21 .. and UR.20	36
CLASSIC DETECTORS FOR PARKING	
UR.20SP 4÷20 mA Gas Detectors IP55 parking version	37
UR.40SP Gas Detectors on bus (EW40) IP55 parking version	37
Accessories for detectors type UR.21 .. and UR.20	37
VERIFICATION AND CALIBRATION TOOLS FOR UR20, UR21, UR40, UR41 DETECTORS AND EW40 SYSTEM	39







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).

Sensigas[®]







- 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:			
<ul style="list-style-type: none"> - 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	124,90
	ESN14.G-LD	Methane gas detector - 12 Vac/dc power supply	115,50
	ESN14.G-LV	Methane gas detector - 12÷24 Vac/dc power supply	181,00
	ESN14.P	LPG gas detector - 230 Vac power supply	124,90
	ESN14.P-LD	LPG gas detector - 12 Vac/dc power supply	115,50
	ESN14.P-LV	LPG gas detector - 12÷24 Vac/dc power supply	181,00
	ESN14.C	CO gas detector - 230 Vac power supply	181,80
	ESN14.C-LD	CO gas detector - 12 Vac/dc power supply	173,20
	ESN14.C-LV	CO gas detector - 12÷24 Vac/dc power supply	237,80
ESN16..		- Control Output: : n.1 SELV for E/valve 12 Vdc	
	ESN16.G	Methane gas detector - 230 Vac power supply	127,40
	ESN16.G-LD	Methane gas detector - 12 Vac/dc power supply	117,90
	ESN16.G-LV	Methane gas detector - 12÷24 Vac/dc power supply	183,40
	ESN16.P	LPG gas detector - 230 Vac power supply	127,40
	ESN16.P-LD	LPG gas detector - 12 Vac/dc power supply	117,90
	ESN16.P-LV	LPG gas detector - 12÷24 Vac/dc power supply	183,40
	ESN16.C	CO gas detector - 230 Vac power supply	197,30
	ESN16.C-LD	CO gas detector - 12 Vac/dc power supply	188,70
	ESN16.C-LV	CO gas detector - 12÷24 Vac/dc power supply	253,40
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	137,90
	ESN26.G-LD	Methane gas detector - 12 Vac/dc power supply	128,50
	ESN26.G-LV	Methane gas detector - 12÷24 Vac/dc power supply	194,00
	ESN26.P	LPG gas detector - 230 Vac power supply	137,90
	ESN26.P-LD	LPG gas detector - 12 Vac/dc power supply	128,50
	ESN26.P-LV	LPG gas detector - 12÷24 Vac/dc power supply	194,00
	ESN26.C	CO gas detector - 230 Vac power supply	220,30
	ESN26.C-LD	CO gas detector - 12 Vac/dc power supply	211,70
	ESN26.C-LV	CO gas detector - 12÷24 Vac/dc power supply	276,30
Accessories for wall-mounting detectors type ESN14.;16.;26			
	MOD.G	Spare sensor module for ESN.F.G.. Methane gas	40,50
	MOD.P	Spare sensor module for ESN.F.P LPG gas	40,50
	UZY-ALE	Power supply 12Vdc for NC E/V for ESN14-16-26 e ESN.F.G e P	131,10

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: <ul style="list-style-type: none"> - 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	145,30
	ESN.F.G.A.D	Methane gas detector - 12 Vac/dc power supply	136,80
	ESN.F.G.A.E	Methane gas detector - 12÷24 Vac/dc power supply	204,00
	ESN.F.P.A	LPG gas detector - 230 Vac power supply	145,30
	ESN.F.P.A.D	LPG gas detector - 12 Vac/dc power supply	136,80
	ESN.F.P.A.E	LPG gas detector - 12÷24 Vac/dc power supply	204,00
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: <ul style="list-style-type: none"> - 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	179,50
	ESN.F.O.A.D	CO gas detector - 12 Vac/dc power supply	171,00
	ESN.F.O.A.E	CO gas detector - 12÷24 Vac/dc power supply	223,50
Accessories for wall-mounting detectors type ESN.F...			
	MOD.G	Spare sensor module for ESN.F.G.. Methane gas	40,50
	MOD.P	Spare sensor module for ESN.F.P LPG gas	40,50
	UZY-ALE	Power supply 12Vdc for NC E/V for ESN14-16-26 e ESN.F.G e P	131,10

Flush Mounting

Gas detectors for residential applications Sensigas Line

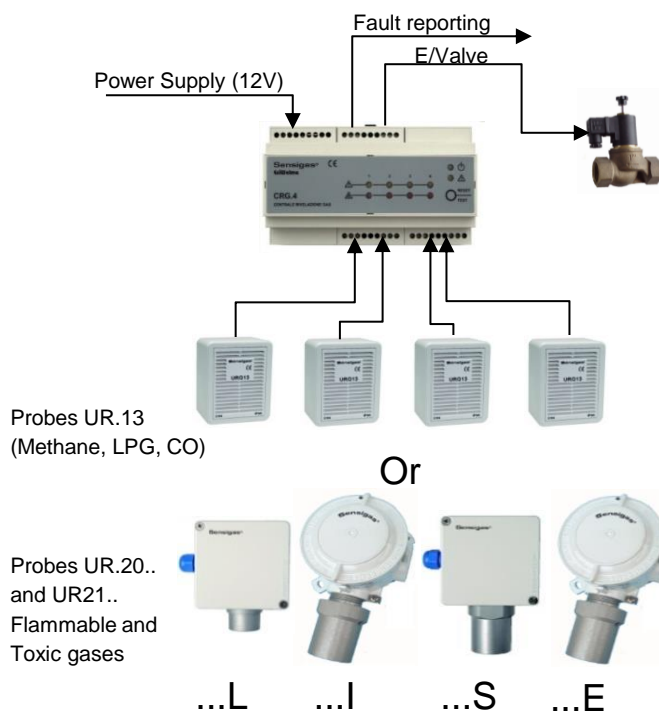
	Item	Description	UNIT PRICE € (VAT excluded)
Flush mounting gas detectors type ESN.I...			
	ESN.I...	Flush mounting gas detectors for residential applications CEI 216-8 compliant (for CH ₄ , LPG and narcotic gas) (type A device) with: - Optical user interface by led (power supply, sensor fault, gas - 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	151,50
	ESN.I.G.A.D	Methane gas detector - 12 Vac/dc power supply	144,10
	ESN.I.G.A.E	Methane gas detector - 12÷24 Vac/dc power supply	163,70
	ESN.I.P.A	LPG gas detector - 230 Vac power supply	151,50
	ESN.I.P.A.D	LPG gas detector - 12 Vac/dc power supply	144,10
	ESN.I.P.A.E	LPG gas detector 12÷24 Vac/dc power supply	163,70
	ESN.I.O.A	CO gas detector - 230 Vac power supply	177,10
	ESN.I.O.A.D	CO gas detector - 12 Vac/dc power supply	168,50
	ESN.I.O.A.E	CO gas detector - 12÷24 Vac/dc power supply	189,30
	ESN.I.S.A	Narcotic gas detector - 230 Vac power supply	157,60
	ESN.I.S.A.D	Narcotic gas detector - 12 Vac/dc power supply	150,20
	ESN.I.S.A.E	Narcotic gas detector - 12÷24 Vac/dc power supply	169,80
Flush mounting detectors (signalling devices) type ESN.I...			
	ESN.I...	Flush mounting gas detectors for residential applications CEI 216-8 compliant (for CH ₄ , 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	120,90
	ESN.I.G.B.D	Methane gas signalling device - 12 Vac/dc power supply	113,60
	ESN.I.G.B.E	Methane gas signalling device - 12÷24 Vac/dc power supply	134,40
	ESN.I.P.B	LPG gas signalling device - 230 Vac power supply	120,90
	ESN.I.P.B.D	LPG gas signalling device - 12 Vac/dc power supply	113,60
	ESN.I.P.B.E	LPG gas signalling device - 12÷24 Vac/dc power supply	134,40
	ESN.I.O.B	CO gas signalling device - 230 Vac power supply	146,60
	ESN.I.O.B.D	CO gas signalling device - 12 Vac/dc power supply	138,00
	ESN.I.O.B.E	CO gas signalling device - 12÷24 Vac/dc power supply	160,00
	ESN.I.S.B	Narcotic gas signaling device - 230 Vac power supply	134,40
	ESN.I.S.B.D	Narcotic gas signaling device - 12 Vac/dc power supply	127,00
	ESN.I.S.B.E	Narcotic gas signaling device - 12÷24 Vac/dc power supply	146,60

Sensigas®

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

Sensigas® Heating Room Plant Line







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)	180,30
	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)	324,60
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)	41,10
	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)	46,70
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 relay SPDT 230 Vac 5A - Degree of protection: IP20 (IP40 when installed in the electrical panel)	230,40
In Phase Out Deliveries while stocks last 	UCE18 To see UCE4	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)	389,40

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 	305,10
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 	367,30
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>	42,20
	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>	90,40

Sensigas® Heating Room Plant Line

Threshold and Proportional Detection Probes (4 ÷ 20mA)

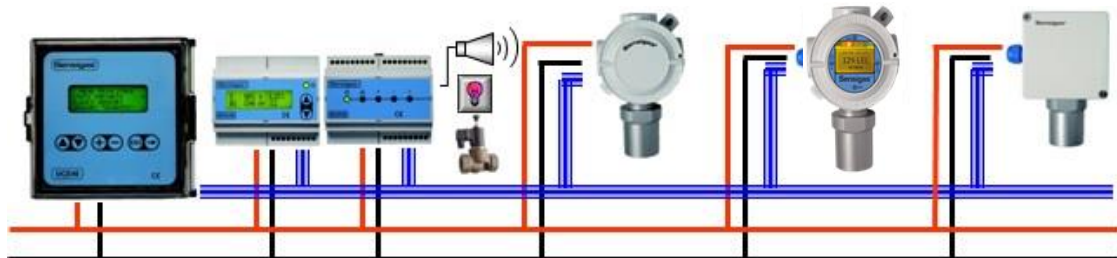
	Item	Description	UNIT PRICE € (VAT excluded)
Gas detection threshold probes for power plants: UCE1, UCE4, UCE11, UCE18, UCE13.5, EXT6.5			
	URG13/A	Methane gas detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP44	118,40
	URG13P/A	LPG detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP44	118,40
	URO13/A	CO carbon monoxide detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP44	118,40
	URG13.S	Methane gas detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP54	281,90
	URG13P.S	LPG detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP54	281,90
	URO13.S	CO carbon monoxide detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP54	281,90
	URG13	Methane gas detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP44	98,00
	URP13	LPG detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP44	98,00
	URO13	CO carbon monoxide detection probe - Power supply: from UCE.. Central Unit - Degree of protection IP44	98,00
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	155,20
	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	155,20
	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	185,10
	<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>		

Sensigas®







EW40 Gas Detection System
via BUS
for Detectors

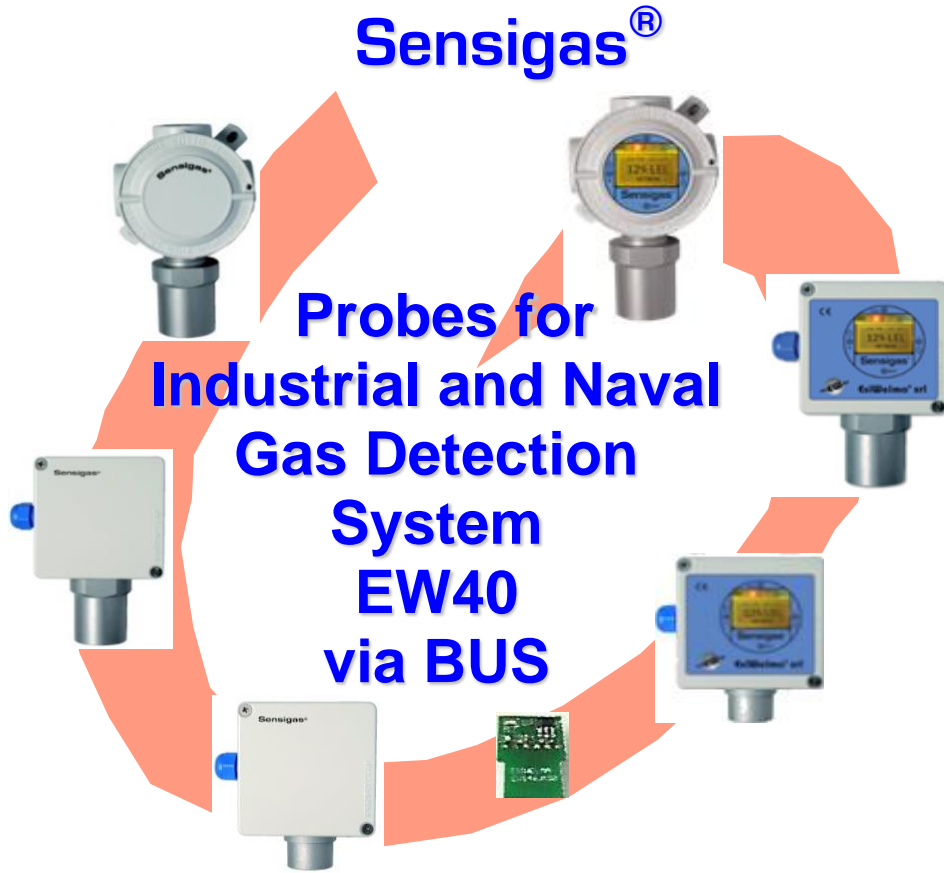
UR.41../DN-UR.41../DR-UR.41../UR.40..



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 	1.339,00
	option with card: CPB	<ul style="list-style-type: none"> - Battery charge and protect option, for batteries up to 10 Ah 	1.640,00
	UCE40MPA-CPB	Battery charge and protect option, for batteries up to 10 Ah	1.640,00
	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) 	260,00
	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) 	260,00
	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) 	373,00







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





	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		Detector model		
	Professional	Standard	Professional (at Range Temp Extended + € 34.00)	Standard	
	URG41PL	URG41SL	Methane gas detector	515,10	365,20
	URP41PL	URP41SL	LPG detector	515,10	365,20
	URB41PL	URB41SL	Petrol vapor detector	515,10	365,20
	URM41PL	URM41SL	Ammonia detector	515,10	365,20
	URI41PL	URI41SL	Hydrogen detector	515,10	365,20
	URC41PL	URC41SL	Propane detector	515,10	365,20
	URT41PL	URT41SL	Octane detector	515,10	365,20
	URL41PL	URL41SL	Acetylene detector	515,10	365,20
	URE41PL	URE41SL	Ethyl alcohol detector	515,10	365,20
		URO41SL	Carbon monoxide detector (CO)	419,60	
		URS41SL	Oxygen detector (O2)	750,40	
	URD41IL	Carbon dioxide (CO2) detector	1070,10		
	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		Detector model		
	Professional	Standard	Professional (at Range Temp Extended + € 34.00)	Standard	
	URG41PI	URG41SI	Methane gas detector	678,30	507,30
	URP41PI	URP41SI	LPG detector	678,30	507,30
	URB41PI	URB41SI	Petrol vapor detector	678,30	507,30
	URM41PI	URM41SI	Ammonia detector	678,30	507,30
	URI41PI	URI41SI	Hydrogen detector	678,30	507,30
	URC41PI	URC41SI	Propane detector	678,30	507,30
	URT41PI	URT41SI	Octane detector	678,30	507,30
	URL41PI	URL41SI	Acetylene detector	678,30	507,30
	URE41PI	URE41SI	Ethyl alcohol detector	678,30	507,30
		URO41SI	Carbon monoxide detector (CO)	575,00	
		URS41SI	Oxygen detector (O2)	905,80	
	URD41II	Carbon dioxide (CO2) detector	1.227,70		
	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.	36,00		





New Detectors UR.41..





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 (at Range Temp Extended + € 34.00)	Standard	
			- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (on demand): URx41PX-EXR -40°C ÷ +70°C		
	URG41PS	URG41SS	Methane gas detector	582,80	407,40
	URP41PS	URP41SS	LPG detector	582,80	407,40
	URB41PS	URB41SS	Petrol vapor detector	582,80	407,40
	URM41PS	URM41SS	Ammonia detector	582,80	407,40
	URI41PS	URI41SS	Hydrogen detector	582,80	407,40
	URC41PS	URC41SS	Propane detector	582,80	407,40
	URT41PS	URT41SS	Octane detector	582,80	407,40
	URL41PS	URL41SS	Acetylene detector	582,80	407,40
	URE41PS	URE41SS	Ethyl alcohol detector	582,80	407,40
	URO41SS		Carbon monoxide detector (CO)	474,00	
URS41SS		Oxygen detector (O2)	813,70		
URD41IS		Carbon dioxide (CO2) detector	1.136,70		
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 (at Range Temp Extended + € 34.00)	Standard	
			- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (on demand): URx41PE-EXR -40°C ÷ +70°C		
	URG41PE	URG41SE	Methane gas detector	744,90	573,90
	URP41PE	URP41SE	LPG detector	744,90	573,90
	URB41PE	URB41SE	Petrol vapor detector	744,90	573,90
	URM41PE	URM41SE	Ammonia detector	744,90	573,90
	URI41PE	URI41SE	Hydrogen detector	744,90	573,90
	URC41PE	URC41SE	Propane detector	744,90	573,90
	URT41PE	URT41SE	Octane detector	744,90	573,90
	URL41PE	URL41SE	Acetylene detector	744,90	573,90
	URE41PE	URE41SE	Ethyl alcohol detector	744,90	573,90
	URO41SE		Carbon monoxide detector (CO)	643,80	
URS41SE		Oxygen detector (O2)	973,50		
URD41IE		Carbon dioxide (CO2) detector	1.295,40		
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.	27,80		
	UCM	Magnetic actuator to be combined with the UZMAG board in order to allow calibration of the Detector without the enclosure opening	43,00		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	36,00		





	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 (at Range Temp Extended + € 34.00)	Standard
	DN-URG41PL	DN-URG41SL	Methane gas detector	731,50	581,70
	DN-URP41PL	DN-URP41SL	LPG detector	731,50	581,70
	DN-URB41PL	DN-URB41SL	Petrol vapor detector	731,50	581,70
	DN-URM41PL	DN-URM41SL	Ammonia detector	731,50	581,70
	DN-URI41PL	DN-URI41SL	Hydrogen detector	731,50	581,70
	DN-URC41PL	DN-URC41SL	Propane detector	731,50	581,70
	DN-URT41PL	DN-URT41SL	Octane detector	731,50	581,70
	DN-URL41PL	DN-URL41SL	Acetylene detector	731,50	581,70
	DN-URE41PL	DN-URE41SL	Ethyl alcohol detector	731,50	581,70
	DN-URO41SL		Carbon monoxide detector (CO)	636,10	
	DN-URS41SL		Oxygen detector (O2)	966,90	
DN-URD41IL		Carbon dioxide (CO2) detector	1.286,50		
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 (at Range Temp Extended + € 34.00)	Standard
	DN-URG41PI	DN-URG41SI	Methane gas detector	1023,50	852,50
	DN-URP41PI	DN-URP41SI	LPG detector	1023,50	852,50
	DN-URB41PI	DN-URB41SI	Petrol vapor detector	1023,50	852,50
	DN-URM41PI	DN-URM41SI	Ammonia detector	1023,50	852,50
	DN-URI41PI	DN-URI41SI	Hydrogen detector	1023,50	852,50
	DN-URC41PI	DN-URC41SI	Propane detector	1023,50	852,50
	DN-URT41PI	DN-URT41SI	Octane detector	1023,50	852,50
	DN-URL41PI	DN-URL41SI	Acetylene detector	1023,50	852,50
	DN-URE41PI	DN-URE41SI	Ethyl alcohol detector	1023,50	852,50
	DN-URO41SI		Carbon monoxide detector (CO)	920,20	
	DN-URS41SI		Oxygen detector (O2)	1.251,00	
DN-URD41II		Carbon dioxide (CO2) detector	1.572,90		
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	47,80		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	36,00		





New 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 ÷ +70°C - DN-URx41zS EXP	Detector model	
	Professional	Standard		Professional (at Range Temp Extended + € 34,00)	Standard
	DN-URG41PS	DN-URG41SS	Methane gas detector	799,20	623,90
	DN-URP41PS	DN-URP41SS	LPG detector	799,20	623,90
	DN-URB41PS	DN-URB41SS	Petrol vapor detector	799,20	623,90
	DN-URM41PS	DN-URM41SS	Ammonia detector	799,20	623,90
	DN-URI41PS	DN-URI41SS	Hydrogen detector	799,20	623,90
	DN-URC41PS	DN-URC41SS	Propane detector	799,20	623,90
	DN-URT41PS	DN-URT41SS	Octane detector	799,20	623,90
	DN-URL41PS	DN-URL41SS	Acetylene detector	799,20	623,90
	DN-URE41PS	DN-URE41SS	Ethyl alcohol detector	799,20	623,90
		DN-URO41SS	Carbon monoxide detector (CO)	690,50	
		DN-URS41SS	Oxygen detector (O2)	1031,20	
		DN-URD41IS	Carbon dioxide (CO2) detector	1.354,20	
	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 ÷ +70°C - DN-URx41zE EXP	Detector model	
	Professional	Standard		Professional (at Range Temp Extended + € 34,00)	Standard
	DN-URG41PE	DN-URG41SE	Methane gas detector	1090,10	919,10
	DN-URP41PE	DN-URP41SE	LPG detector	1090,10	919,10
	DN-URB41PE	DN-URB41SE	Petrol vapor detector	1090,10	919,10
	DN-URM41PE	DN-URM41SE	Ammonia detector	1090,10	919,10
	DN-URI41PE	DN-URI41SE	Hydrogen detector	1090,10	919,10
	DN-URC41PE	DN-URC41SE	Propane detector	1090,10	919,10
	DN-URT41PE	DN-URT41SE	Octane detector	1090,10	919,10
	DN-URL41PE	DN-URL41SE	Acetylene detector	1090,10	919,10
	DN-URE41PE	DN-URE41SE	Ethyl alcohol detector	1090,10	919,10
		DN-URO41SE	Carbon monoxide detector (CO)	989,10	
		DN-URS41SE	Oxygen detector (O2)	1.319,80	
		DN-URD41IE	Carbon dioxide (CO2) detector	1.641,70	
	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	47,80		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	36,00		

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	- 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	Professional (at Range Temp Extended + € 34.00)	Standard
	DR-URG41PL	DR-URG41SL	Methane gas detector	775,90	626,10
	DR-URP41PL	DR-URP41SL	LPG detector	775,90	626,10
	DR-URB41PL	DR-URB41SL	Petrol vapor detector	775,90	626,10
	DR-URM41PL	DR-URM41SL	Ammonia detector	775,90	626,10
	DR-URI41PL	DR-URI41SL	Hydrogen detector	775,90	626,10
	DR-URC41PL	DR-URC41SL	Propane detector	775,90	626,10
	DR-URT41PL	DR-URT41SL	Octane detector	775,90	626,10
	DR-URL41PL	DR-URL41SL	Acetylene detector	775,90	626,10
	DR-URE41PL	DR-URE41SL	Ethyl alcohol detector	775,90	626,10
	DR-URO41SL		Carbon monoxide detector (CO)	680,50	
	DR-URS41SL		Oxygen detector (O2)	1011,30	
	DR-URD41IL		Carbon dioxide (CO2) detector	1.330,90	
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	- 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	Professional (at Range Temp Extended + € 34.00)	Standard
	DR-URG41PI	DR-URG41SI	Methane gas detector	1067,90	896,90
	DR-URP41PI	DR-URP41SI	LPG detector	1067,90	896,90
	DR-URB41PI	DR-URB41SI	Petrol vapor detector	1067,90	896,90
	DR-URM41PI	DR-URM41SI	Ammonia detector	1067,90	896,90
	DR-URI41PI	DR-URI41SI	Hydrogen detector	1067,90	896,90
	DR-URC41PI	DR-URC41SI	Propane detector	1067,90	896,90
	DR-URT41PI	DR-URT41SI	Octane detector	1067,90	896,90
	DR-URL41PI	DR-URL41SI	Acetylene detector	1067,90	896,90
	DR-URE41PI	DR-URE41SI	Ethyl alcohol detector	1067,90	896,90
	DR-URO41SI		Carbon monoxide detector (CO)	964,60	
	DR-URS41SI		Oxygen detector (O2)	1.295,40	
	DR-URD41II		Carbon dioxide (CO2) detector	1.617,30	
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		
	PAP40		Front protection screen for splashes or excessive air flows (see page 16)		

	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 (at Range Temp Extended + € 34.00)	Standard
	DR-URG41PS	DR-URG41SS	Methane gas detector	843,60	668,30
	DR-URP41PS	DR-URP41SS	LPG detector	843,60	668,30
	DR-URB41PS	DR-URB41SS	Petrol vapor detector	843,60	668,30
	DR-URM41PS	DR-URM41SS	Ammonia detector	843,60	668,30
	DR-URI41PS	DR-URI41SS	Hydrogen detector	843,60	668,30
	DR-URC41PS	DR-URC41SS	Propane detector	843,60	668,30
	DR-URT41PS	DR-URT41SS	Octane detector	843,60	668,30
	DR-URL41PS	DR-URL41SS	Acetylene detector	843,60	668,30
	DR-URE41PS	DR-URE41SS	Ethyl alcohol detector	843,60	668,30
		DR-URO41SS	Carbon monoxide detector (CO)	734,90	
		DR-URS41SS	Oxygen detector (O2)	1075,60	
		DR-URD41IS	Carbon dioxide (CO2) detector	1.398,60	
	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 (at Range Temp Extended + € 34.00)	Standard
	DR-URG41PE	DR-URG41SE	Methane gas detector	1.134,50	963,50
	DR-URP41PE	DR-URP41SE	LPG detector	1.134,50	963,50
	DR-URB41PE	DR-URB41SE	Petrol vapor detector	1.134,50	963,50
	DR-URM41PE	DR-URM41SE	Ammonia detector	1.134,50	963,50
	DR-URI41PE	DR-URI41SE	Hydrogen detector	1.134,50	963,50
	DR-URC41PE	DR-URC41SE	Propane detector	1.134,50	963,50
	DR-URT41PE	DR-URT41SE	Octane detector	1.134,50	963,50
	DR-URL41PE	DR-URL41SE	Acetylene detector	1.134,50	963,50
	DR-URE41PE	DR-URE41SE	Ethyl alcohol detector	1.134,50	963,50
		DR-URO41SE	Carbon monoxide detector (CO)	1033,50	
		DR-URS41SE	Oxygen detector (O2)	1.364,20	
		DR-URD41IE	Carbon dioxide (CO2) detector	1.686,10	
	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	47,80		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	36,00		

Item		Description	UNIT PRICE € (VAT excluded)		
Gas detectors for EW40 system (bus communication) For IP55 industrial applications					
	URx40zL	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 11÷14 Vdc	Detector model	
	Professional	Standard	- Operating temperature: -20°C ÷ +50°C	Professional	Standard
	URG40PL	URG40SL	Methane gas detector	509,50	359,70
	URP40PL	URP40SL	LPG detector	509,50	359,70
	URB40PL	URB40SL	Petrol vapor detector	509,50	359,70
	URM40PL	URM40SL	Ammonia detector	509,50	359,70
	URI40PL	URI40SL	Hydrogen detector	509,50	359,70
	URC40PL	URC40SL	Propane detector	509,50	359,70
	URT40PL	URT40SL	Octane detector	509,50	359,70
	URL40PL	URL40SL	Acetylene detector	509,50	359,70
	URE40PL	URE40SL	Ethyl alcohol detector	509,50	359,70
		URO40SL	Carbon monoxide detector (CO)	414,10	
		URS40SL	Oxygen detector (O2)	743,70	
		URD40SL	Carbon dioxide (CO2) detector	1.063,40	
	URx40zL	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 applications					
	URx40zI	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 11÷14 Vdc	Detector model	
	Professional	Standard	- Operating temperature: -20°C ÷ +50°C	Professional	Standard
	URG40PI	URG40SI	Methane gas detector	673,80	502,90
	URP40PI	URP40SI	LPG detector	673,80	502,90
	URB40PI	URB40SI	Petrol vapor detector	673,80	502,90
	URM40PI	URM40SI	Ammonia detector	673,80	502,90
	URI40PI	URI40SI	Hydrogen detector	673,80	502,90
	URC40PI	URC40SI	Propane detector	673,80	502,90
	URT40PI	URT40SI	Octane detector	673,80	502,90
	URL40PI	URL40SI	Acetylene detector	673,80	502,90
	URE40PI	URE40SI	Ethyl alcohol detector	673,80	502,90
		URO40SI	Carbon monoxide detector (CO)	570,60	
		URS40SI	Oxygen detector (O2)	900,30	
		URD40SI	Carbon dioxide (CO2) detector	1.222,20	
	URx40zI	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)	36,00		

	Item	Description	UNIT PRICE € (VAT excluded)		
Gas detectors for EW40 system (bus communication)					
ATEX Ex nA d IIC T6 Gb Certified					
	URx40zS	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			
			- Power supply 11÷14 Vdc - Operating temperature: -20°C ÷ +50°C		
	URG40PS	URG40SS	Methane gas detector	577,20	401,90
	URP40PS	URP40SS	LPG detector	577,20	401,90
	URB40PS	URB40SS	Petrol vapor detector	577,20	401,90
	URM40PS	URM40SS	Ammonia detector	577,20	401,90
	URI40PS	URI40SS	Hydrogen detector	577,20	401,90
	URC40PS	URC40SS	Propane detector	577,20	401,90
	URT40PS	URT40SS	Octane detector	577,20	401,90
	URL40PS	URL40SS	Acetylene detector	577,20	401,90
	URE40PS	URE40SS	Ethyl alcohol detector	577,20	401,90
	URO40SS		Carbon monoxide detector (CO)	468,50	
	URS40SS		Oxygen detector (O2)	808,10	
URD40SS		Carbon dioxide (CO2) detector	1.131,10		
URx40zS	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)					
ATEX Ex d IIC T6 Gb Certified					
	URx40zE	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			
			- Power supply 11÷14 Vdc - Operating temperature: -20°C ÷ +50°C		
	URG40PE	URG40SE	Methane gas detector	740,40	569,50
	URP40PE	URP40SE	LPG detector	740,40	569,50
	URB40PE	URB40SE	Petrol vapor detector	740,40	569,50
	URM40PE	URM40SE	Ammonia detector	740,40	569,50
	URI40PE	URI40SE	Hydrogen detector	740,40	569,50
	URC40PE	URC40SE	Propane detector	740,40	569,50
	URT40PE	URT40SE	Octane detector	740,40	569,50
	URL40PE	URL40SE	Acetylene detector	740,40	569,50
	URE40PE	URE40SE	Ethyl alcohol detector	740,40	569,50
	URO40SE		Carbon monoxide detector (CO)	639,40	
	URS40SE		Oxygen detector (O2)	969,10	
URD40SE		Carbon dioxide (CO2) detector	1.291,00		
URx40zE	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)	36,00		

This page is intentionally left blank

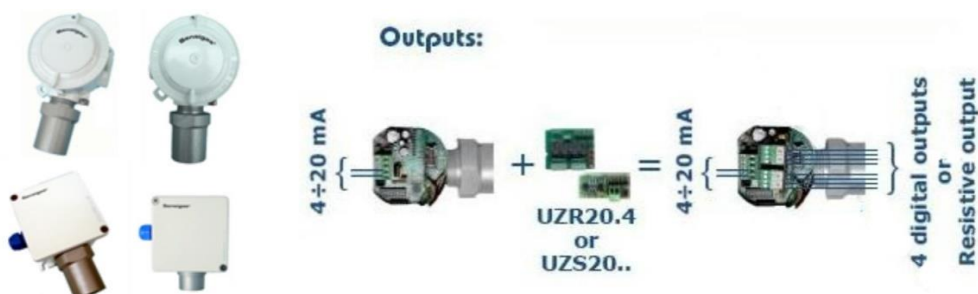


UR..21 New Gas Detectors
Stand Alone 4 ÷ 20 mA

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 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





UR..20 Classic Gas Detection Probes
Stand Alone 4 ÷ 20 mA












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).			
	Detector model		Detector model		
	Professional	Standard	- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (On request): URx21PL-EXR -40 °C ÷ + 70 °C	Professional (at Range Temp Extended + € 34.00)	Standard
	URG21PL	URG21SL	Methane gas detector	512,30	343,00
	URP21PL	URP21SL	LPG detector	512,30	343,00
	URB21PL	URB21SL	Petrol vapor detector	512,30	343,00
	URM21PL	URM21SL	Ammonia detector	512,30	343,00
	URI21PL	URI21SL	Hydrogen detector	512,30	343,00
	URC21PL	URC21SL	Propane detector	512,30	343,00
	URT21PL	URT21SL	Octane detector	512,30	343,00
	URL21PL	URL21SL	Acetylene detector	512,30	343,00
	URE21PL	URE21SL	Ethyl alcohol detector	512,30	343,00
	URO21SL		Carbon monoxide detector (CO)	398,50	
	URS21SL		Oxygen detector (O2)	716,00	
	URD21IL		Carbon dioxide (CO2) detector	1020,10	
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).			
	Detector model		Detector model		
	Professional	Standard	- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (On request): URx21PI-EXR -40 °C ÷ + 70 °C	Professional (at Range Temp Extended + € 34.00)	Standard
	URG21PI	URG21SI	Methane gas detector	650,00	481,20
	URP21PI	URP21SI	LPG detector	650,00	481,20
	URB21PI	URB21SI	Petrol vapor detector	650,00	481,20
	URM21PI	URM21SI	Ammonia detector	650,00	481,20
	URI21PI	URI21SI	Hydrogen detector	650,00	481,20
	URC21PI	URC21SI	Propane detector	650,00	481,20
	URT21PI	URT21SI	Octane detector	650,00	481,20
	URL21PI	URL21SI	Acetylene detector	650,00	481,20
	URE21PI	URE21SI	Ethyl alcohol detector	650,00	481,20
	URO21SI		Carbon monoxide detector (CO)	545,10	
	URS21SI		Oxygen detector (O2)	865,80	
	URD21II		Carbon dioxide (CO2) detector	1.172,20	
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)	36,00		

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).			
	Detector model		Detector model		
	Professional	Standard	- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (On request): URx21PL-EXR -40 °C ÷ + 70 °C	Professional (at Range Temp Extended + € 34,00)	Standard
	URG21PS	URG21SS	Methane gas detector	576,10	390,20
	URP21PS	URP21SS	LPG detector	576,10	390,20
	URB21PS	URB21SS	Petrol vapor detector	576,10	390,20
	URM21PS	URM21SS	Ammonia detector	576,10	390,20
	URI21PS	URI21SS	Hydrogen detector	576,10	390,20
	URC21PS	URC21SS	Propane detector	576,10	390,20
	URT21PS	URT21SS	Octane detector	576,10	390,20
	URL21PS	URL21SS	Acetylene detector	576,10	390,20
	URE21PS	URE21SS	Ethyl alcohol detector	576,10	390,20
		URO21SS	Carbon monoxide detector (CO)		454,00
		URS21SS	Oxygen detector (O2)		777,00
		URD21IS	Carbon dioxide (CO2) detector		1.084,50
	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).			
	Detector model		Detector model		
	Professional	Standard	- Power supply 10÷28 Vdc - Operating temperature: -20°C ÷ +50°C - Extended Temp. Range (On request): URx21PL-EXR -40 °C ÷ + 70 °C	Professional (at Range Temp Extended + € 34,00)	Standard
	URG21PE	URG21SE	Methane gas detector	714,30	541,20
	URP21PE	URP21SE	LPG detector	714,30	541,20
	URB21PE	URB21SE	Petrol vapor detector	714,30	541,20
	URM21PE	URM21SE	Ammonia detector	714,30	541,20
	URI21PE	URI21SE	Hydrogen detector	714,30	541,20
	URC21PE	URC21SE	Propane detector	714,30	541,20
	URT21PE	URT21SE	Octane detector	714,30	541,20
	URL21PE	URL21SE	Acetylene detector	714,30	541,20
	URE21PE	URE21SE	Ethyl alcohol detector	714,30	541,20
		URO21SE	Carbon monoxide detector (CO)		613,90
		URS21SE	Oxygen detector (O2)		931,30
		URD21IE	Carbon dioxide (CO2) detector		1.237,70
	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	45,60		
	UZS20.E	Board with 1 optically isolated resistive output (two wires); 22KOhm = normal operation, 10Kohm = pre-alarm, 2.2KOhm = 1st threshold alarm, open = fault	20,10		
	UZS20.A	Board with 1 optically isolated resistive output (two wires); 27KOhm = normal operation, 10Kohm = 1st threshold alarm, open = fault	15,90		
	UZS20.S	Board with 1 optically isolated resistive output (two wires); 2.2KOhm = normal operation, 0 Ohm = 1st threshold alarm, open = fault	15,90		
	UZMAG	The UZMAG card has the purpose of allowing the calibration of the Detector (Ex-d type) without enclosure opening.	27,80		
	UCM	Magnetic actuator to be combined with the UZMAG board in order to allow calibration of the Detector without the enclosure opening	47,80		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	36,00		





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		Detector model		
	Professional	Standard	Professional (at Range Temp Extended + € 34.00)	Standard	
			<ul style="list-style-type: none"> - 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) 		
	DN-URG21PL	DN-URG21SL	Methane gas detector	727,70	558,40
	DN-URP21PL	DN-URP21SL	LPG detector	727,70	558,40
	DN-URB21PL	DN-URB21SL	Petrol vapor detector	727,70	558,40
	DN-URM21PL	DN-URM21SL	Ammonia detector	727,70	558,40
	DN-URI21PL	DN-URI21SL	Hydrogen detector	727,70	558,40
	DN-URC21PL	DN-URC21SL	Propane detector	727,70	558,40
	DN-URT21PL	DN-URT21SL	Octane detector	727,70	558,40
	DN-URL21PL	DN-URL21SL	Acetylene detector	727,70	558,40
	DN-URE21PL	DN-URE21SL	Ethyl alcohol detector	727,70	558,40
	DN-URO21SL		Carbon monoxide detector (CO)	613,90	
	DN-URS21SL		Oxygen detector (O2)	931,30	
DN-URD21IL		Carbon dioxide (CO2) detector	1.235,50		
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		Detector model		
	Professional	Standard	Professional (at Range Temp Extended + € 34.00)	Standard	
			<ul style="list-style-type: none"> - 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) 		
	DN-URG21PI	DN-URG21SI	Methane gas detector	992,90	824,20
	DN-URP21PI	DN-URP21SI	LPG detector	992,90	824,20
	DN-URB21PI	DN-URB21SI	Petrol vapor detector	992,90	824,20
	DN-URM21PI	DN-URM21SI	Ammonia detector	992,90	824,20
	DN-URI21PI	DN-URI21SI	Hydrogen detector	992,90	824,20
	DN-URC21PI	DN-URC21SI	Propane detector	992,90	824,20
	DN-URT21PI	DN-URT21SI	Octane detector	992,90	824,20
	DN-URL21PI	DN-URL21SI	Acetylene detector	992,90	824,20
	DN-URE21PI	DN-URE21SI	Ethyl alcohol detector	992,90	824,20
	DN-URO21SI		Carbon monoxide detector (CO)	888,00	
	DN-URS21SI		Oxygen detector (O2)	1.208,80	
DN-URD21II		Carbon dioxide (CO2) detector	1.515,20		
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	47,80		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	36,00		





New 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		Detector model		
	Professional	Standard	Professional (at Range Temp Extended + € 34.00)	Standard	
			- 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)		
	DN-URG21PS	URG21SS	Methane gas detector	791,50	605,60
	DN-URP21PS	URP21SS	LPG detector	791,50	605,60
	DN-URB21PS	URB21SS	Petrol vapor detector	791,50	605,60
	DN-URM21PS	URM21SS	Ammonia detector	791,50	605,60
	DN-URI21PS	URI21SS	Hydrogen detector	791,50	605,60
	DN-URC21PS	URC21SS	Propane detector	791,50	605,60
	DN-URT21PS	URT21SS	Octane detector	791,50	605,60
	DN-URL21PS	URL21SS	Acetylene detector	791,50	605,60
	DN-URE21PS	URE21SS	Ethyl alcohol detector	791,50	605,60
	DN-URO21SS		Carbon monoxide detector (CO)	669,40	
DN-URS21SS		Oxygen detector (O2)	992,40		
DN-URD21IS		Carbon dioxide (CO2) detector	1.299,90		
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		Detector model		
	Professional	Standard	Professional (at Range Temp Extended + € 34.00)	Standard	
			- 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)		
	DN-URG21PE	URG21SE	Methane gas detector	1057,30	884,20
	DN-URP21PE	URP21SE	LPG detector	1057,30	884,20
	DN-URB21PE	URB21SE	Petrol vapor detector	1057,30	884,20
	DN-URM21PE	URM21SE	Ammonia detector	1057,30	884,20
	DN-URI21PE	URI21SE	Hydrogen detector	1057,30	884,20
	DN-URC21PE	URC21SE	Propane detector	1057,30	884,20
	DN-URT21PE	URT21SE	Octane detector	1057,30	884,20
	DN-URL21PE	URL21SE	Acetylene detector	1057,30	884,20
	DN-URE21PE	URE21SE	Ethyl alcohol detector	1057,30	884,20
	DN-URO21SE		Carbon monoxide detector (CO)	956,90	
DN-URS21SE		Oxygen detector (O2)	1.274,30		
DN-URD21IE		Carbon dioxide (CO2) detector	1.580,70		
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	47,80		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	36,00		

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		Detector model		
	Professional	Standard	<ul style="list-style-type: none"> - 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) 	Professional (at Range Temp Extended + € 34.00)	Standard
	DR-URG21PL	DR-URG21SL	Methane gas detector	772,10	602,80
	DR-URP21PL	DR-URP21SL	LPG detector	772,10	602,80
	DR-URB21PL	DR-URB21SL	Petrol vapor detector	772,10	602,80
	DR-URM21PL	DR-URM21SL	Ammonia detector	772,10	602,80
	DR-URI21PL	DR-URI21SL	Hydrogen detector	772,10	602,80
	DR-URC21PL	DR-URC21SL	Propane detector	772,10	602,80
	DR-URT21PL	DR-URT21SL	Octane detector	772,10	602,80
	DR-URL21PL	DR-URL21SL	Acetylene detector	772,10	602,80
	DR-URE21PL	DR-URE21SL	Ethyl alcohol detector	772,10	602,80
	DR-URO21SL		Carbon monoxide detector (CO)	658,30	
	DR-URS21SL		Oxygen detector (O2)	975,70	
DR-URD21IL		Carbon dioxide (CO2) detector	1.279,90		
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		Detector model		
	Professional	Standard	<ul style="list-style-type: none"> - 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) 	Professional (at Range Temp Extended + € 34.00)	Standard
	DR-URG21PI	DR-URG21SI	Methane gas detector	1037,30	868,60
	DR-URP21PI	DR-URP21SI	LPG detector	1037,30	868,60
	DR-URB21PI	DR-URB21SI	Petrol vapor detector	1037,30	868,60
	DR-URM21PI	DR-URM21SI	Ammonia detector	1037,30	868,60
	DR-URI21PI	DR-URI21SI	Hydrogen detector	1037,30	868,60
	DR-URC21PI	DR-URC21SI	Propane detector	1037,30	868,60
	DR-URT21PI	DR-URT21SI	Octane detector	1037,30	868,60
	DR-URL21PI	DR-URL21SI	Acetylene detector	1037,30	868,60
	DR-URE21PI	DR-URE21SI	Ethyl alcohol detector	1037,30	868,60
	DR-URO21SI		Carbon monoxide detector (CO)	932,40	
	DR-URS21SI		Oxygen detector (O2)	1.253,20	
DR-URD21II		Carbon dioxide (CO2) detector	1.559,60		
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	47,80		
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	36,00		

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 (at Range Temp Extended + € 34,00)	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		835,90	650,00
	DR-URP21PS	DR-URP21SS	LPG detector		835,90	650,00
	DR-URB21PS	DR-URB21SS	Petrol vapor detector		835,90	650,00
	DR-URM21PS	DR-URM21SS	Ammonia detector		835,90	650,00
	DR-URI21PS	DR-URI21SS	Hydrogen detector		835,90	650,00
	DR-URC21PS	DR-URC21SS	Propane detector		835,90	650,00
	DR-URT21PS	DR-URT21SS	Octane detector		835,90	650,00
	DR-URL21PS	DR-URL21SS	Acetylene detector		835,90	650,00
DR-URE21PS	DR-URE21SS	Ethyl alcohol detector		835,90	650,00	
DR-URO21SS		Carbon monoxide detector (CO)		713,80		
DR-URS21SS		Oxygen detector (O2)		1.036,80		
DR-URD21IS		Carbon dioxide (CO2) detector		1.344,30		
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 (at Range Temp Extended + € 34,00)	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		1101,70	928,60
	DR-URP21PE	DR-URP21SE	LPG detector		1101,70	928,60
	DR-URB21PE	DR-URB21SE	Petrol vapor detector		1101,70	928,60
	DR-URM21PE	DR-URM21SE	Ammonia detector		1101,70	928,60
	DR-URI21PE	DR-URI21SE	Hydrogen detector		1101,70	928,60
	DR-URC21PE	DR-URC21SE	Propane detector		1101,70	928,60
	DR-URT21PE	DR-URT21SE	Octane detector		1101,70	928,60
	DR-URL21PE	DR-URL21SE	Acetylene detector		1101,70	928,60
DR-URE21PE	DR-URE21SE	Ethyl alcohol detector		1101,70	928,60	
DR-URO21SE		Carbon monoxide detector (CO)		1.001,30		
DR-URS21SE		Oxygen detector (O2)		1.318,70		
DR-URD21IE		Carbon dioxide (CO2) detector		1.625,10		
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		47,80	
	PAP40		Front protection screen for splashes or excessive air flows (see page 16)		36,00	








Gas detectors for industrial 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 applications					
	URx20zL	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).			
	Detector model		Detector model		
	Professional	Standard	- Power supply 11÷28 Vdc	Professional	Standard
			- Operating temperature: -20°C ÷ +50°C		
	URG20PL	URG20SL	Methane gas detector	505,70	336,40
	URP20PL	URP20SL	LPG detector	505,70	336,40
	URB20PL	URB20SL	Petrol vapor detector	505,70	336,40
	URM20PL	URM20SL	Ammonia detector	505,70	336,40
	URI20PL	URI20SL	Hydrogen detector	505,70	336,40
	URC20PL	URC20SL	Propane detector	505,70	336,40
	URT20PL	URT20SL	Octane detector	505,70	336,40
	URL20PL	URL20SL	Acetylene detector	505,70	336,40
	URE20PL	URE20SL	Ethyl alcohol detector	505,70	336,40
		URO20SL	Carbon monoxide detector (CO)	391,90	
		URS20SL	Oxygen detector (O2)	709,30	
	URD20SL	Carbon dioxide (CO2) detector	1.013,50		
	URx20zL	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 applications					
	URx20zI	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).			
	Detector model		Detector model		
	Professional	Standard	- Power supply 11÷28 Vdc	Professional	Standard
			- Operating temperature: -20°C ÷ +50°C		
	URG20PI	URG20SI	Methane gas detector	643,30	474,60
	URP20PI	URP20SI	LPG detector	643,30	474,60
	URB20PI	URB20SI	Petrol vapor detector	643,30	474,60
	URM20PI	URM20SI	Ammonia detector	643,30	474,60
	URI20PI	URI20SI	Hydrogen detector	643,30	474,60
	URC20PI	URC20SI	Propane detector	643,30	474,60
	URT20PI	URT20SI	Octane detector	643,30	474,60
	URL20PI	URL20SI	Acetylene detector	643,30	474,60
	URE20PI	URE20SI	Ethyl alcohol detector	643,30	474,60
		URO20SI	Carbon monoxide detector (CO)	538,40	
		URS20SI	Oxygen detector (O2)	859,20	
	URD20SI	Carbon dioxide (CO2) detector	1.165,50		
	URx20zI	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)	36,00		

Gas detectors for industrial applications in 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)	
ATEX Ex nA nC d IIC T6 Gb Certified				
	URx20zS	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 11÷28 Vdc - Operating temperature: -20°C ÷ +50°C		
	Detector model		Detector model	
	Professional	Standard	Professional	Standard
	URG20PS	URG20SS	Methane gas detector	569,50 383,60
	URP20PS	URP20SS	LPG detector	569,50 383,60
	URB20PS	URB20SS	Petrol vapor detector	569,50 383,60
	URM20PS	URM20SS	Ammonia detector	569,50 383,60
	URI20PS	URI20SS	Hydrogen detector	569,50 383,60
	URC20PS	URC20SS	Propane detector	569,50 383,60
	URT20PS	URT20SS	Octane detector	569,50 383,60
	URL20PS	URL20SS	Acetylene detector	569,50 383,60
	URE20PS	URE20SS	Ethyl alcohol detector	569,50 383,60
		URO20SS	Carbon monoxide detector (CO)	447,40
		URS20SS	Oxygen detector (O2)	770,40
		URD20SS	Carbon dioxide (CO2) detector	1.077,90
	URx20zS	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	
ATEX Ex d IIC T6 Gb Certified				
	URx20zE	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 11÷28 Vdc - Operating temperature: -20°C ÷ +50°C		
	Detector model		Detector model	
	Professional	Standard	Professional	Standard
	URG20PE	URG20SE	Methane gas detector	707,70 534,50
	URP20PE	URP20SE	LPG detector	707,70 534,50
	URB20PE	URB20SE	Petrol vapor detector	707,70 534,50
	URM20PE	URM20SE	Ammonia detector	707,70 534,50
	URI20PE	URI20SE	Hydrogen detector	707,70 534,50
	URC20PE	URC20SE	Propane detector	707,70 534,50
	URT20PE	URT20SE	Octane detector	707,70 534,50
	URL20PE	URL20SE	Acetylene detector	707,70 534,50
	URE20PE	URE20SE	Ethyl alcohol detector	707,70 534,50
		URO20SE	Carbon monoxide detector (CO)	607,20
		URS20SE	Oxygen detector (O2)	924,70
		URD20SE	Carbon dioxide (CO2) detector	1.231,00
	URx20zE	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.20.. type gas detectors				
	UZR20.4	n.4 SPDT relays Card	45,60	
	UZS20.E	Board with 1 optically isolated resistive output (two wires); 22KOhm = normal operation, 10Kohm = pre-alarm, 2.2KOhm = 1st threshold alarm, open = fault	20,10	
	UZS20.A	Board with 1 optically isolated resistive output (two wires); 27KOhm = normal operation, 10Kohm = 1st threshold alarm, open = fault	15,90	
	UZS20.S	Board with 1 optically isolated resistive output (two wires); 2.2KOhm = normal operation, 0 Ohm = 1st threshold alarm, open = fault	15,90	
	PAP40	Front protection screen for splashes or excessive air flows (see page 16)	36,00	

This page is intentionally left blank

Sensigas®

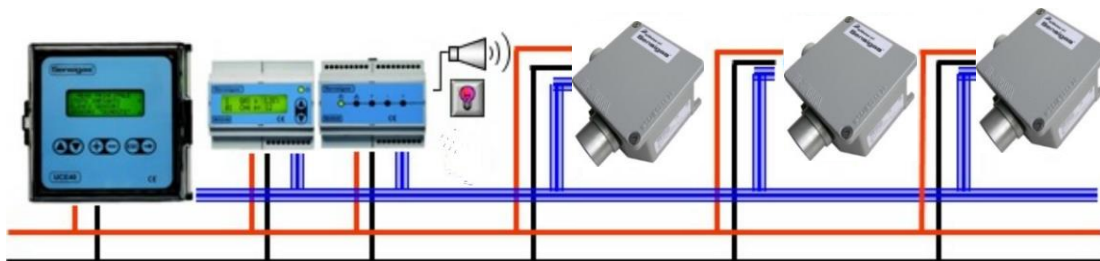
Systems and Gas Detectors for Parking and Tunnel




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	283,10
	URO21SP	Carbon monoxide (CO) detector	338,60
	URG21SP	Methane detector	283,10
	URP21SP	LPG detector	283,10
	URx21SP	Detector for other gases	on demand






Accessories for URx21SP type gas detectors

	UZR20.4	n.4 SPDT relays Card	45,60
	UZS20.E	Board with 1 optically isolated resistive output (two wires); 22KOhm = normal operation, 10Kohm = pre-alarm, 2.2KOhm = 1st threshold alarm, open = fault	20,10
	UZS20.A	Board with 1 optically isolated resistive output (two wires); 27KOhm = normal operation, 10Kohm = 1st threshold alarm, open = fault	15,90
	UZS20.S	Board with 1 optically isolated resistive output (two wires); 2.2KOhm = normal operation, 0 Ohm = 1st threshold alarm, open = fault	15,90


**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	296,40
	URO41SP	Carbon monoxide (CO) detector	354,10
	URG41SP	Methane detector	296,40
	URP41SP	LPG detector	296,40
	URx41SP	Detector for other gases	on demand

Parking and Tunnel gas detectors
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			
	UR.20SP	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 11÷28 Vdc - Operating temperature: -20°C ÷ +50°C	
	URB20SP	Petrol Vapor Detector	283,10
	URO20SP	Carbon monoxide (CO) detector	338,60
	URG20SP	Methane detector	283,10
	URP20SP	LPG detector	283,10
	URx20SP	Detector for other gases	on demand
Accessories for URx20SP type gas detectors			
	UZR20.4	n.4 SPDT relays Card	45,60
	UZS20.E	Board with 1 optically isolated resistive output (two wires); 22KOhm = normal operation, 10Kohm = pre-alarm, 2.2KOhm = 1st threshold alarm, open = fault	20,10
	UZS20.A	Board with 1 optically isolated resistive output (two wires); 27KOhm = normal operation, 10Kohm = 1st threshold alarm, open = fault	15,90
	UZS20.S	Board with 1 optically isolated resistive output (two wires); 2.2KOhm = normal operation, 0 Ohm = 1st threshold alarm, open = fault	15,90

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			
	UR.40SP	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 11÷14 Vdc - Operating temperature: -20°C ÷ +50°C	
	URB40SP	Petrol Vapor Detector	296,40
	URO40SP	Carbon monoxide (CO) detector	354,10
	URG40SP	Methane detector	296,40
	URP40SP	LPG detector	296,40
	URx40SP	Detector for other gases	on demand

This page is intentionally left blank

Sensigas®

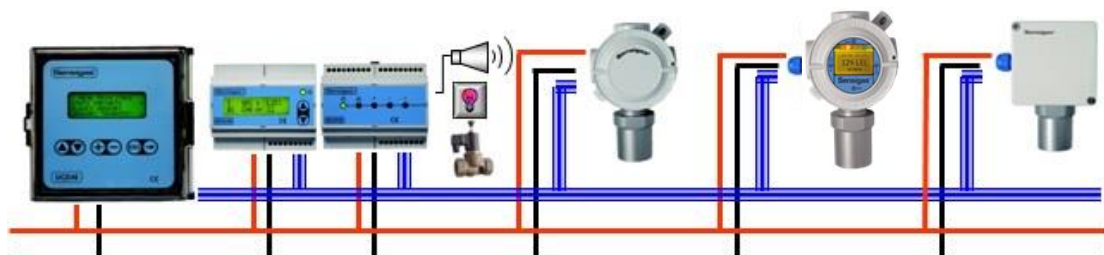
Check and Calibration tools for Industrial and Naval Detectors



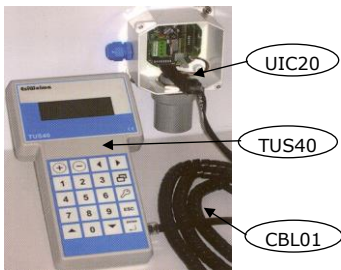







Stand Alone 4÷20 mA Gas Detectors



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>	732,60
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>	885,80
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	195,40
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>	158,80
	URCAP.L	<p>Flow chamber suitable for UR... L, SP type detectors</p> <p>The sensor shown in the picture is not supplied</p>	158,80
	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

This page is intentionally left blank

EsiWelma[®] s.r.l.

Via F.lli Canepa 134 D-E - 16010 Serra Riccò (GENOVA) ITALY

Ph.: +39 010 75.421.1 - Fax: +39 010 75.421.78

www.esiwelma.it e-mail: commerciale@esiwelma.it