



Control unit with incorporated sensor

Control unit realized with microprocessor technology and printed circuits are SMD assembled. The sensor is integrated on the housing, to facilitate the installation.

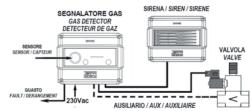


CTR21

TEST function

RESET function

Contario Contario



CE IP44

Power supply: 230Vac 50-60Hz 12-24Vcc - Installation: Wall

Absorption: 3,5Va - 1,5W

Alarm level: 10% LIE - 20% LEL - Measuring range: 0÷20% LEL

Sensor: Catalytic

Туре	Detected gas	Output	Capacity	Cylinder calibration	Sensor life	Storage time
CTR21	Methane LPG	<i>N° 3 relays</i> 24V/1A SPDT	230Vac 3A SPDT	B0200	5 years	5 years

Control unit for 1 remote sensor

• Display by the LED bar placed at the front of the device

• N° 1 AUX input for electrovalves with magnetic sensor

N° 3 positive safety relay with alrm memory

N° 3 relays for alarm and fault



CTM21

Control unit realized with microprocessor technology and printed circuits are SMD assembled. External gas sensor to be installed in the conform place to detect gas.

- Display by the LED bar placed at the front of the device
- N° 3 relays for alarm and fault
 TEST function
- RESET function

N° 1 AUX input for electrovalves with magnetic sensor

Туре	Sensors	Output	Capacity	Sensors
CTM21	Methane LPG	N° 3 relays	230Vac 3A SPDT	ST441 SE193

190700 (17170) 148.0

Centralina Gas nsore / Sensor / Sonde SE192K / SE193K Gas Detector / Détecteur de Gas

C€ IP65

Power supply: 230Vac 50-60Hz - Installation: Wall

Absorption: 3,5VA

Alarm level: 10% LEL - 20% LEL - Measuring range: 0÷20% LEL

To be connected to a remote sensor

A led bar indicate the reached gas concentration

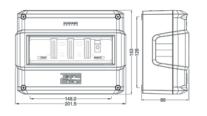
Nº 3 safety positive relay with alarm memory

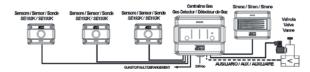
Control Unit for 3 remote sensors



CTP21

Control unit is equipped with three led bars that indicate the reached gas concentration, The green led indicates fresh air, the first and second red leds indicate pollution and the third and fourth red leds indicate the switching on of the alarm relay. The yellow led indicate an anomaly of the system and it operate on the fault relay.





CE IP65

Power supply: 110/230Vac 50-60Hz 12Vcc - Installation: Wall

Absorption: 10 VA

Alarm level: 10% LIE - 20% LEL - Measuring range: 0÷20% LEL

N° 3 safety positive relay with alarm memory for all sensors

A led bar indicate the reached gas concentration;1 for each sensor

Туре	Sensors	Output	Capacity	Sensors (max 3)
CTP21	Methane	<i>N° 3 relays</i>	230Vac	ST441
	LPG	230V 3A SPDT	3A SPDT	SE193

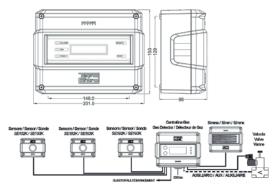
Control unit with display for 3 remote sensors



CTP23

Control unit is equipped with graphic backlighted DISPLAY that indicate the reached gas concentration. It is equipped with n° 3 inputs for sensors and n° 3 relays output for alarm and fault with alarms memory. Alarm levels are programmable via DIP-switch. TEST and RESET functions.

Туре	Sensors	Output	Capacity	Sensors (max 3)
CTP23	Methane	<i>N° 3 relays</i>	230Vac	ST441
	LPG	230V 3A SPDT	3A SPDT	SE193



CE IP65

Power supply: 110/230Vac 50-60Hz - 24Vdc - Installation: Wall

Absorpion: 15 VA

Alarm level: 10% LIE - 20% LEL - Measuring range: 0÷20% LEL

N° 3 safety positive relay with alarm memory for all sensors

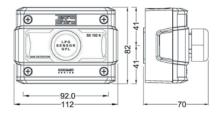
Backlighted DISPLAY that indicate the reached gas concentration.

Gas detector - IP44



ST441

appliances.



CE IP44

Туре	Detected gas	Cylinder calibration	Average time	Sensors
ST441	Methane LPG	B0200	5 years	5 years

In spite of its low price, this sensor stands out because of its high reliability and such a rating that makes it perfectly fit to be installed in heating plants and a number of industrial

Power supply: 12Vdc	
Absorption: 1W	
Dutput: 4÷20 mA - Measuring range: 0÷20% LEL	
Sensor: Catalytic	

Gas Detector - ATEX

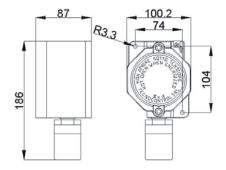
Catalytic sensor to detect methane or LPG.



SE193K

The article SE 193K only differs for its explosion-proof case certified by ATEX, which makes it fit for industrial installations where the area classification requires this type of cases. It can be equipped with an (optional) explosion-proof joint Art.-Nr. ZT163 required for the connection to the cable raceway. Such connection is made easier by coupling terminals. Type of protection: II 2G Ex d IIC T6 - Certificazione CESI 03 ATEX 323

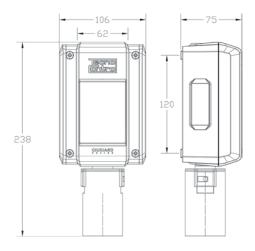
Туре	Detected gas	Cylinder calibration	Average time	Sensors
SE193KM SE193KG	Methane LPG	B0200	5 years	5 years



CE EXPLOSION PROOF

Power supply: 12Vdc				
Absorption: 1W				
Output: 4÷20 mA - Measuring range: 0÷20% LEL				
Sensor: Catalytic				

Stand Alone industrial gas detector - with replaceable sensor



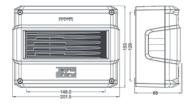


SE237

Power Supply: 12÷24Vdc - 110/230 Vac	
P Rating: IP65	
No. 3 Alarm relays. MAX resistive load 24V/1A SPST	
No. 1 Fault relay. MAX resistive load 24V/1A SPST	
Alarm levels (relays) programmables via DIP-Switch	
No. 1 linear 4÷20 mA current output	
No. 5 LED shows the working conditions (red: alarms; green: normal; yellow: fault)	
Terminals plug-in polarized type	

Code	Gas detected	Cartridge replacement	Measuring range	Electrical input	Calibration cylinder	Average Life in clean air
SE237KM	Methane	ZSK01/IP-ZSK02/IP	0÷20% LEL	3 W	B0200	5 anni/years
SE237KG	LPG	ZSK01/IP-ZSK02/IP	0÷20% LEL	3 W	B0200	5 anni/years
SE237KI	Hydrogen	ZSK01/IP-ZSK02/IP	0÷20% LEL	3 W	B0200	5 anni/years
SE237E0	Oxygen	ZSEO/IP	0÷25% Vol.	2 W	B0416	2 anni/years

Siren





SE301A SE301B

Piezoelectric modulated siren with flashing red light indication.

CE IP43

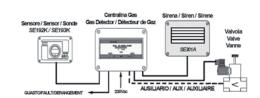
Power supply: 230Vca 50-60Hz - 12Vdc

Absorption: 9VA – 230V / 5W – 12Vdc

Sound intensity: 115db

Installation: Wall

On request: SE301B with power supply 24Vdc - 5W



1110

Portable gas leak detectors



SE 151NM

The SE151NM is an ideal instrument for seek combustible gas leaks in a number of residential, commercial and industrial applications, including gas pipeline and valve, regulator and gas meter inspection. It uses a long-life (5 years) sensor and is easy to operate. The SE151NM has a long, flexible neck for detecting leaks in hard-to-reach areas. Only Audible alarm if limit value is exceeded

CE

Sensibility: 20 ppm

Power supply: 4 x 1.5V (battery enclosed)

Operation range: 8hours

Automatic switching off: 10min

Case: 220x160x40mm



SE 153NM

The SE151NM is an ideal instrument for seek combustible gas leaks in a number of residential, commercial and industrial applications, including gas pipeline and valve, regulator and gas meter inspection. It uses a long-life (5 years) sensor and is easy to operate. The SE151NM has a long, flexible neck for detecting leaks in hard-to-reach areas, with bar LED dispaly to show relative leak sizes and a manual balance feature for finding leaks in backgrounds where target gas is present. Dispaly LED & Audible alarm if limit value is exceeded

CE

Sensibility: 20 ppm

Power supply: Rechargeable batteries Ni-MH

Operation range: 5hours

Recharge time: 14hours

Automatic switching off: 10min

Case: 280x120x90mm