

# Exhaust gas Detectors with relay output



## KEY FEATURES

- **Microprocessor controlled unit with LED status indication**
- **Three alarm levels**
- **Easy to change alarm levels (with use of service tool SA200)**
- **Selectable alarm time delay**
- **Manual / automatic alarm reset**
- **Built-in service mode, self-test and "Fail-safe" function**
- **Three SPDT relay outputs (230V / 5A)**
- **Temperature range -40°C - +50°C**
- **Long time stable and 8-10 years lifetime**
- **Power supply 230V AC or 12-24V AC/DC**

## - Detectors for exhaust gas, petrol cars

### General:

Detectors for exhaust gas to control ventilation in parking garages etc.

Models:

- Room mounting (IP21 or IP54)
- Duct mounting

The detectors can be used as stand alone, connected to a monitoring unit or other monitoring systems.

### Measuring ranges and alarm levels:

Relevant alarm levels depend on application. Detectors supplied as standard for specified gas with preset alarm levels.




### Standards and regulations:

Check local standards and regulations as hygienic max values etc. Be sure wiring is done according to local electrical code requirements.

### Technical Data:

Gas type:	Measure a combination of carbon monoxide (CO) and hydrocarbons (CH)
Detection principle:	Semiconductor
Range:	0-200 ppm (gas mixture)
Accuracy:	+/- 15%
Indications: alarms	Power/Active LED and three LED.
Alarm levels:	3 adjustable A, B and C-alarm.
Outputs (relays):	3 potential free contacts, SPDT A, B, C-alarm max 230V / 5A.
Power (consumption):	230V AC, max 2VA, 50/60Hz or 12-24V AC/DC, 2VA
Ambient temperature:	-40°C to +50°C
Humidity:	0 to 95% Rh (none condensing)
Material:	PC
Enclosure:	IP21 or IP54
Cable glands:	4 x M16
Dimensions:	see other side
Weight (kg):	24V / 230V model
GD	0,31 / 0,42
GS	0,34 / 0,45
GK	0,51 / 0,62

# Product summary

Order code	Model	Description
	<b>GD</b>	Room mounting 160x80x60 mm IP21
37-265	GD230-(CO)	0-200 ppm, 230 VAC
37-260	GD24-(CO)	0-200 ppm, 12-24 VAC/DC
	<b>GS</b>	Splash proof, room mounting 160x130x60mm IP54
37-465	GS230-(CO)	0-200 ppm, 230 VAC
37-460	GS24-(CO)	0-200 ppm, 12-24 VAC/DC
	<b>GK</b>	Detector for duct mounting with 1,5m cable 160x80x60 mm IP54
37-865	GK230-(CO)	0-200 ppm, 230 VAC
37-860	GK24-(CO)	0-200 ppm, 12-24 VAC/DC

*The detectors are designed to control ventilation (fans) in parking areas. The gas sensor is NOT specific to carbon monoxide (CO) and the sensor will also react to other gases and fumes which may be present in parking areas such as fuel vapour, exhaust emissions and hydrocarbons.*

Preset alarm levels:      50/50/100ppm