

# GS819

GB	CO alarm
CZ	CO alarm
SK	CO alarm
PL	Alarm CO
HU	Szén-monoxid-riasztó
SI	CO alarm
RS HR BA ME	CO alarm
DE	CO-Warngerät
UA	ЦО сигналізація
RO	Alarma CO
LT	CO signalizacija
LV	CO signalizācijas ierīce
EE	Vingugaasiandur
BG	Сигнализатор за въглероден оксид (CO)



## GB | CO Alarm

Alarm for monitoring the concentration of poisonous gas carbon monoxide (CO)

This manual contains important safety information regarding the installation and operation of the warning device. Read the manual carefully and store it in a safe place for future use or for when the device is passed on to another user.

### Warning

The installation of a warning device (alarm) for monitoring CO concentration is not a substitute for correct installation, use and maintenance of fuel-burning devices, including proper ventilation and exhaust systems.

This warning device for monitoring CO concentration is designed for protecting persons against imminent effects of short-term exposure to carbon monoxide, but cannot fully protect persons with particular health issues. When in doubt, consult your doctor.

Long-term exposure to low concentrations of CO (>10 ppm) can cause chronic effects. When in doubt, consult your doctor.

The device is only used to detect carbon monoxide (CO), not any other gases.

### Specifications

Detected gas: carbon monoxide (CO)

Sensor type: electrochemical cell

In accordance with standard ČSN EN 50291-1:2010 + A1:2012

Designation: BSI Kite KM 616830

Service life: 10 years

B-type device

Operating temperature and humidity: -10 to +40 °C, 30 to 95 % (without condensation)

Storage/transportation temperature and humidity: -20 to +50 °C, 10 to 95 % (without condensation)

Protection rating: IP20

Acoustic signalisation: >85 dB at a range of 1 m

Power supply: 2x 1.5 V AA

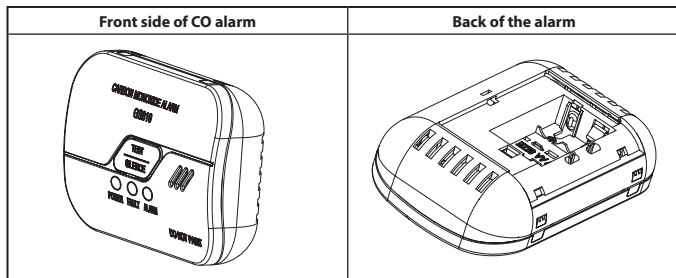
Power consumption:

Stand-by mode: <50 µA

Alarm mode: <25 mA

Size: 120 x 80 x 37 mm

Weight: 98 g



TEST/SILENCE button – silences error or flat battery signalisation, silences alarm signalisation, functionality test

POWER LED (green colour) – power indication

FAULT LED (yellow colour) – error/flat battery indication

ALARM LED (red colour) – alarm indication

## What Is Carbon monoxide (CO)

Carbon monoxide (CO) is an odourless, invisible, highly poisonous gas.

It is created through incomplete combustion of fuels, such as wood, wooden coal, coal, fuel oil, paraffin, gasoline, natural gas, propane, butane, etc., and from cigarette smoke.

A dangerous concentration of CO can form if the fuel-consuming device is faulty or not properly maintained, if the flue is blocked or the room insufficiently aired.

The seriousness of CO inhalation poisoning depends on concentration (listed as number of particles per million, ppm) and the duration of exposure.

Concentration	Symptoms
100 ppm	No symptoms – no danger
200 ppm	Slight headaches
400 ppm	Strong headaches after 1–2 hours
800 ppm	Strong headaches after 45 minutes, nausea, faintness and unconsciousness after 2 hours
1 000 ppm	Dangerous concentration - unconsciousness after 1 hour
1 600 ppm	Nausea, strong headaches and dizziness after 20 minutes
3 200 ppm	Nausea, strong headaches and dizziness after 5–10 minutes, unconsciousness after 30 minutes
6 400 ppm	Nausea, strong headaches and dizziness after 1–2 minutes, unconsciousness after 10–15 minutes
12 800 ppm	Instant unconsciousness, risk of death after 1–2 minutes

All persons residing on the premises should be made aware of the symptoms of CO poisoning!

The device for monitoring CO concentration activates the alarm if it detects a certain concentration of CO for a certain duration:

CO concentration in ppm	Alarm activation
33 ±3	120 min
55 ±5	60 to 90 min
110 ±10	10 to 40 min
330 ±30	in 3 min

## Installation

The installation must be performed by a qualified person.

Ideally, the warning device should be located in every room with a fuel-burning device.

It is strongly recommended to also install warning devices in bedrooms and rooms where you spend a lot of time.

If the warning device is installed in the same room as the fuel-burning device:

- Place the warning device in the vicinity of the ceiling and above the level of the top edge of windows and doors.
- When installing onto the ceiling, the warning device must be located at least 30 cm away from walls.
- When installing onto a wall, the warning device must be located at least 15 cm from the ceiling and 180 cm from the floor.
- Do not install the warning device in rooms with vaulted ceilings or gable roof.
- Do not install the warning device in the vicinity of ventilation openings or windows/doors leading to the outside.

# Obsah je uzamčen

**Dokončete, prosím, proces objednávky.**

**Následně budete mít přístup k celému dokumentu.**



**Proč je dokument uzamčen? Nahněvat Vás rozhodně nechceme. Jsou k tomu dva hlavní důvody:**

- 1) Vytvořit a udržovat obsáhlou databázi návodů stojí nejen spoustu úsilí a času, ale i finanční prostředky. Dělali byste to Vy zadarmo? Ne\*. Zakoupením této služby obdržíte úplný návod a podpoříte provoz a rozvoj našich stránek. Třeba se Vám to bude ještě někdy hodit.

*\*) Možná zpočátku ano. Ale vězte, že dotovat to dlouhodobě nelze. A rozhodně na tom nezbohatneme.*

- 2) Pak jsou tady „roboti“, kteří se přiživují na naší práci a „vysávají“ výsledky našeho úsilí pro svůj prospěch. Tímto krokem se jim to snažíme překazit.

A pokud nemáte zájem, respektujeme to. Urgujte svého prodejce. A když neuspějete, rádi Vás uvidíme!