

Qoltec Certified 2in1 natural gas and carbon monoxide (CO) leak detector | CH4 | CO | NG | Tuya | Wi-Fi | 85dB alarm | LED

Product code: 52654

A semiconductor gas (CH4) and carbon monoxide (CO) sensor with high accuracy and durability, which quickly detects the presence of dangerous concentrations of combustible gases and carbon monoxide, triggering a loud audible and visual alarm.
- Activates the alarm signal at a natural gas concentration of 7% LEL 3% LEL (methane),
- Compliance with standards: EN : 50291-1:2018, EN 50194-1:2023, RED 2014/53/EU,
- Wi-Fi, dedicated Tuya app,
- Simple installation and operation,
- End-of-life indicator.

IMMEDIATE DANGER WARNING – DUAL DETECTION AND ALARM SYSTEM



Early detection of natural gas (CH4 – methane) leaks
The sensor continuously monitors the presence of natural gas (CH4 – methane) in the room. **If a leak is detected from the gas installation, cooker or gas boiler, the device reacts immediately, warning of a potential explosion risk. When the safe concentration level is exceeded, a loud 85 dB audible alarm and LED light signal are activated to alert household members of the danger and allow them to take appropriate action quickly.**
Carbon monoxide (CO) protection
The detector is also equipped with a **carbon monoxide (CO) sensor – a colourless and odourless gas produced during the improper combustion of fuels in stoves, fireplaces or boilers** . Thanks to Wi-Fi connectivity and integration with the **Tuya Smart / Smart Life app, you will receive an instant notification on your smartphone.**

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DOUBLE WARNING: 85 DB ALARM + NOTIFICATION IN THE TUYA APP



Remote notifications thanks to the Wi-Fi module and the Tuya or Smart Life app
Simple setup via 2.4 GHz Wi-Fi – compatible with the Tuya Smart / Smart Life app . Wi-Fi connectivity allows you to receive instant push notifications on your smartphone, check the status of the device in real time, and integrate it with your smart home system. Even when you are not at home, you have full control over the security of your space. You can check the connection status and any malfunctions on your device at any time.
Certified compliance with EN 50291-1:2018, EN 50194-1:2023, RED 2014/53/EU

- **Semiconductor sensor (CH4) –** high accuracy and durability for up to 5 years
- **Electrochemical sensor (CO) –** high accuracy and durability for up to 3 years
- **Self-diagnostics –** constant monitoring of the sensor and internal circuits
- **Fault indication –** yellow LED warns of malfunction
- **TEST button –** easy performance check
- **Activation at 7% LEL 3% natural gas concentration**
- Immediate danger warning **– 85 dB audible alarm + LED light alarm**
- **Certified compliance with EN 50291-1:2018, EN50194-1:2023, RED 2014/53/EU**
- Think ahead **– from 2030, detectors will be mandatory in residential buildings**. You can ensure your family's safety today and avoid stress in the future.

TECHNOLOGY THAT PROTECTS YOUR LOVED ONES



Safety for children and the elderly
Natural gas (CH4) and carbon monoxide (CO) are particularly dangerous for children, the elderly and people with compromised immune systems, as even small concentrations can quickly lead to poisoning. **By continuously monitoring the air, the sensor detects the danger at an early stage and immediately triggers a loud 85 dB alarm and LED signal, warning household members of the danger. In addition, a notification in the mobile application allows you to react quickly and ensure the safety of your loved ones.**

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CONTROL AND RELIABILITY – WHENEVER YOU NEED IT





Simple installation in a few steps
You do not need any special tools or professional assistance. **Installation is quick, intuitive, and can be done by yourself. Installing the sensor is quick, intuitive, and does not interfere with the gas or electrical systems**.

- Screw or stick the mounting plate to the wall in the appropriate place (e.g. in the kitchen, boiler room or garage) using the tape provided.
- Plug the cable into a 220–240V AC socket.
- Place the device on the hooks and lock it into the guides.

You can test the operation yourself using the TEST button
The device is equipped with a TEST button, which allows you to easily check its performance:

- With one click, you can activate a test alarm.
- You ensure that the sound and lighting are functioning correctly.
- **You can be sure that the sensor will react in the event of a real threat.**

CONFIDENCE CONFIRMED BY A WARRANTY



The product is covered by a 24-month warranty.
Do you care about the high quality of the product you are buying? Our solutions will meet your expectations. Each of the barcode readers we offer comes with a 24-month warranty valid from the date of purchase.

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TECHNICAL DATA

Producer	Qoltec
Type	Semiconductor (CH4) , electrochemical (CO)
Operating voltage	AC 220V 240V
Alarm sound level	85dB
Range	~3m
Signalization	Sound 7%LEL 3%LEL(CH4) / 70 30ppm(CO) and lighting
Power supply	220–240V AC 50/60Hz
Built-in battery	No
Display	No
Installation	Mounted with screws ; The installation must be carried out in accordance with the instructions by a competent person and in compliance with local regulations. Cable length: 1.5 m
Application	Kitchens with gas cookers Boiler rooms with natural gas furnaces Rooms equipped with gas appliances
Additional information	Compatibile with TUYA/Smart life APP Sensor thresholds (carbon monoxide): in accordance with PN-EN 50291-1:2018 ▪ 50 ppm – alarm after 60–90 minutes ▪ 100 ppm – alarm after 10–40 minutes ▪ 300 ppm – alarm 3 minutes Sensor service life: Semiconductor: 5 years Electrochemical: 3 years
OTHER PARAMETERS	
Colour	White
Material	ABS
Operating temperature	-10 40
Dimensions (D/L x W x H)	105 x 77 x 33 mm
Package contents	1 x Sensor 1 x User manual 1 x Warranty card 1 x Screws
Package	Box
Package depth / length [mm]	130
Package width [mm]	115
Package height [mm]	40
Net weight [kg]	0.181
Gross weight [kg]	0.217
Certificate	CE, Certified according to EN50194-1:2023; EN 50291-1:2018; RED 2014/53/EU
Warranty	24 month
EAN code	5901878526546

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