808COM

Autonomous Carbon Monoxide, Flammable and Explosive Gas Detector



SAFE 808COM represents an intelligent combined detector equipped with the latest technology of electrochemical and semiconductor multifunctional second-generation sensor for detection and early warning of carbon monoxide (CO) and virtually all flammable, explosive gases (natural gas, methane, propane, butane). The device excels in stability, high sensitivity, and long service life of the sensor pair.

- Semiconductor sensor for flammable and explosive gases
- Electrochemical Carbon Monoxide (CO) Sensor
- Voice warning system
- Digital backlit display
- Constant power supply from AC 230 V mains
- 9V NiMH backup battery support
- Easy Installation
- Certification EN 14604:2009 and EN 50291-1:2018

Technical specification

Model	SAFE 808COM
Display	Colored ultifunctional LCD Display
Sensor technology	Semiconductor sensor of the second generation
Detection of Flammable Gases	Catalytic Combustion
Detection of CO	Electrochemical CO Sensor
Sensor Sensitivity	Corresponds to a concentration of 6% LEL / 3000 ppm DMV
Tolerance of displayed values	Depending on the surrounding conditions (temperature, humidity) and the state of the sensor, the displayed values may vary. Surroundings: 27 °C +/- 12 °C (80 °F +/- 10 °F) Atmospheric pressure: +/- 10 %, 40 % +/- 3 % relative humidity
Initialization time	180 s
Response time	Max. 20 s
AC Power Supply	AC 230 V / 50 – 60 Hz
Backup Power Suply	NiMH battery 9 V (optional – battery not included)

Operating time on backup battery	Operating mode 100 min / alarm 10 min
Maximum consumption	In alarm mode 3.5 W / in standby mode 2.5 W
Signalization	Acoustic (85 dB siren) and optical (3x LED indicator)
Exceeding the Permissible Concentration	Acoustic alarm 85 dB accompanied by voice warning "Please be careful, carbon monoxide leak!" or "Please be careful, gas leak!" and visual indication of a red LED signal, data on the display about the detected concentration
LED Signaling Indicators	AC power: green LED indicator lights continuously
Alarm	Fast blinking red LED indicator
Malfunction	The yellow LED indicator light is constantly on
Mounting	On the wall (screws are included in the package)
Installation	Indoor
Protection	IP20

Technical specification

Operating Temperature	0 °C to +50 °C
Operating Humidity	10% - 95% relative humidity without condensation
Storage Conditions	Temperature: -10 °C to +50 °C
Dimensions	112 mm x 73 mm x 42 mm
Length of the supply cable	1,35 m
Weight	160 g
Carton Dimensions	570 mm x 320 mm x 360 mm

Weight of the carton	13,96 kg
Quantity per carton	60 pieces
Certification	EN 50194-1:2009 / EN50291-1:2010
Declaration of Comformity (DoC)	CE
Warranty	24 months
Device Lifespan	Min. 5 years
EAN code	0703123016315



More on the web
smart-safe.eu/firesafe/en/produkty/safe-808com

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