808L

Autonomous Flammable and Explosive Gas Detector



SAFE 808L is an intelligent detector with voice warning and a digital display, equipped with the latest second-generation semiconductor multifunctional sensor technology for detection and early warning of the presence of almost all flammable and explosive gases (natural gas, methane, propane, butane). The device stands out for its stability, high sensitivity, and long sensor lifespan.

- Semiconductor sensor for flammable and explosive gases
- Informational and warning LED indication
- 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

Technical specification

Model	SAFE 808L
Display	Digital backlit display
Sensor technology	Semiconductor sensor of the second generation
Detection of Flammable Gases	Catalytic Combustion
Sensor Sensitivity	Corresponds to a concentration of 6% LEL / 3000 ppm DMV
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 a voice warning: “ATTENTION PLEASE! GAS LEAK!” and visual indication by a red LED, detected concentration shown on the display

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
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

Technical specification

Quantity per carton	60 pieces	Warranty	24 months
Certification	50194-1:2009	Device Lifespan	Min. 5 years
Declaration of Comformity (DoC)	CE	EAN code	0703123016308



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

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