

# GAS DETECTION SYSTEM



**Minimizes safety risks by detecting gas leaks early and enables rapid response.**

The system is an advanced safety solution used to detect gas leaks in industrial and commercial environments. By assigning an address to each detector, it quickly and accurately determines the exact location of potential gas leaks. The 2x16 LCD screen provides real-time monitoring, allowing the user to constantly observe the system status, while LED indicators and audible-visual alerts provide immediate information about critical situations. It supports connections for up to 32 detectors. One relay connection can be made for each zone. The device includes 3 alarm relays and 1 fault relay. Thanks to the backup battery, it offers uninterrupted operation. It operates using an RS485 communication interface.

## AREAS OF USE



Residential



Parking



Tunnel



Kitchen



Hotel

## CONTROL PANEL EGPC



Up to 32 carbon monoxide detectors can be connected to the gas control panel.

The gas control panel features a 2x16 LCD screen and 9 LED indicators on the front panel.

There are three alarm levels: Alarm 1, Alarm 2, and Alarm 3. A time delay setting is available for each alarm level.

The system is backed up by two 12V 7Ah batteries.

It includes 4 zones, and one relay module can be connected for each zone.

There are a total of 4 outputs: 3 for alarms and 1 for fault detection. The panel continuously monitors for alarm and fault conditions. In the event of gas detection or a fault, the system provides both visual and audible alerts.

**Primarily designed for use in parking garages and tunnels, the system is built in compliance with relevant standards.**

## GAS DETECTOR EGCL

Electrochemical CO sensor  
Carbon monoxide detection range: 0–300 ppm  
Microprocessor controlled  
Replaceable sensor for easy installation  
RS485 communication line  
Mechanical Durability Certificate  
Sensor test function



## RELAY MODULE EGRL



3 relays  
Microprocessor controlled  
3 alarm levels  
RS485 communication line

The device is addressed for use in one of the four zones of the panel. In case of Alarm 1, Alarm 2, or Alarm 3, the relay output is activated and triggered by the panel for the corresponding alarm condition.

