

SENSITRON

APPLICATION

Carbon Monoxide (CO) is a toxic, colourless, odourless gas that is mainly produced by incomplete combustion processes of carbon-containing materials. It is present in many industrial contexts, such as thermal power plants, furnaces, cogeneration plants, indoor car parks and internal combustion engine environments.

Inhalation of CO even at low concentrations can cause serious effects on human health, making constant and precise monitoring essential to prevent poisoning and ensure the safety of operators and the environment.

Carbon Monoxide detection in industrial environments

SERVICE TIPS

Remember to regularly check the correct functioning of the sensors and carry out proper maintenance.

SMART 3G D2

- Electrochemical cell sensor
- ATEX, IECEx
- 8-digit display
- LED ring



SOLUTION

For Carbon Monoxide detection, the use of electrochemical sensors is recommended, which offer high accuracy even at low concentrations (ppm). Such sensors are ideal for closed and ventilated environments where CO from engines, boilers or combustion processes accumulates.

Devices such as the SMART 3G D2 integrate these sensors with electronics certified for industrial environments. Integration with alarm and supervision systems allows timely intervention if safety thresholds are exceeded.

