

Pillard Nocostop™

Toxic gas detector for tunnels and car parks



Ultimate toxic gas detector for your security

- Continuous detection
- Easy operation, easy maintenance
- Increased resistance
- Stainless steel (316L)

Pillard Nocostop™ is a continuous toxic gas measurement system for tunnels and car parks

Monitoring air quality in tunnels and car parks is essential to ensure users' safety. Regulations impose limited values and maximum exposure time to toxic gas.

Mechanical features

Material	Steel 316L
Protection	IP65
Dimensions/weight	210 x 175 x 110mm. / 2kg.
Cable input	Packing gland PG13.5 for diameter cable from 6 to 12mm.
Anti-splashing devices	Integrated
Particle filter	Integrated

Metrological features

Measuring range	CO: 0-100 to 300ppm ; NO: 0-10 to 100ppm ; NO ₂ : 0 - 1 to 10ppm
Resolution	CO and NO: 0.1ppm; NO ₂ : 0.05 ppm
Accuracy	CO: 2ppm; NO: 0.2ppm; NO ₂ : 0.1ppm
Detection inferior limiting	CO: 1ppm; NO: 0.5ppm; NO ₂ : 0.2ppm
Response time	< 30s
Lifetime	> 3 years
Drift measure	< 5% a year
Temperature range	-40°C to +65°C
Humidity conditions	0 to 100% of humidity; 700 to 1,300hPa

Electrical features

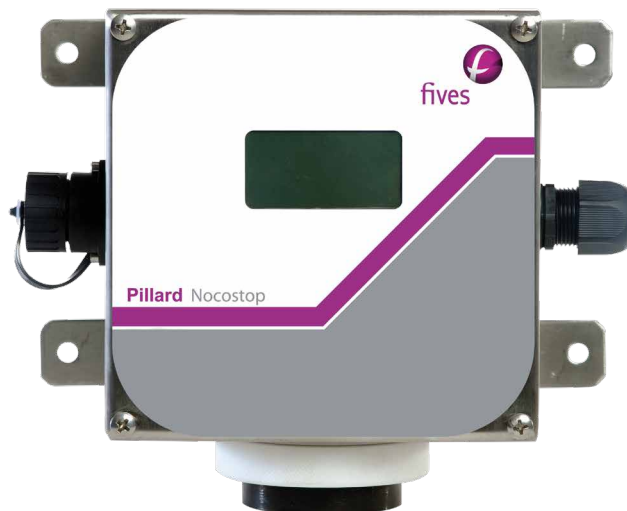
Electric supply	24VDC +10/-15%
Power consumption	0.7W without heating / 12W with heating
Analogue output signal	Compatible with communication console RC3 connected communication 4/20mA
Fault alert	Signal included between 1 and 3mA

Norms and standards

Compliant with	EN 61000-6-1, EN 61000-6-3, EN60947-1
----------------	---------------------------------------

Options

Display	LCD
Extractive measurement	Adapter for gas circulation
Maintenance	Communication console RC3



CONTINUOUS DETECTION

Pillard Nocostop™ detector has been designed to measure continuously the concentration of carbon monoxide (CO), nitrogen monoxide (NO), nitrogen dioxide (NO₂). Measure is evaluated by means of electrochemical cell specific to each gas (CO, NO or NO₂). Using the 4/20mA output, electronic microprocessor cell displays the measure. Integrated filter system protects the cell from fog and water spray.

EASY MAINTENANCE

The communication console management makes maintenance operations easier. The LCD screen requires no adjustments, making the whole system even more simple.

INCREASED RESISTANCE

With its stainless steel unit (316L), Pillard Nocostop™ is highly resistant, even in extreme environments.