

Infrared Sensor | SIL2

Gas Detector PX with SX for ATEX Zone 1 & 2



Gas Detection.

PX fixed gas detector – rugged, reliable, certified for safety-critical operations.
For industrial applications where failure is not an option.

Benefits

- **Maximum safety:** SIL2 certified for safety-critical applications
- **Proven quality:** Tested according to EN 60079-29-1 and EN 62990-1
- **Fast response:** T90 < 60 s (CH₄, C₃H₈), < 120 s (CO₂)
- **Strong EMC performance:** EN 50270 Type II certified by Thirdparty
- **Extreme operating range:** From –40 °C to +60 °C
- **Future-proof investment:** Service life of more than 10 years
- **Weatherproof & corrosion-resistant:** Die-cast aluminium or stainless steel housing – ideal even for saltwater conditions



TWO PRODUCT LINES – ONE SOLUTION FOR EVERY ZONE

- **PX-1 series:** Ex db protection for Zone 1 and Zone 2
- **PX-2 series:** Ex ec protection for Zone 2

Continuous monitoring of ambient air for the detection of gases and vapours in hazardous areas in accordance with Directive 2014/34/EU.



AVAILABLE GASES & MEASURING RANGES

Gas	Messbereich	Sensorcode
Methane (CH ₄)	0 – 100 % LEL	I400-A
Propane (C ₃ H ₈)	0 – 100 % LEL	I480-A
Carbon dioxide (CO ₂)	0 – 2 % vol	I464-C
Carbon dioxide (CO ₂)	0 – 20 % vol	I464-H