

PolyGard[®]2 Gas Detection and Control Solutions

Ventilation controls are vital to garage safety and energy efficiency ... That's why there are international standards for functionality, longevity, and software reliability

EN 50545ⁱ / EN 50271ⁱⁱ: The most rigorous standards in the world for the measurement and control of toxic and combustible gases in parking garages and tunnels. To combat chronic system failures of past control systemsⁱⁱⁱ, tough, new safety, reliability and energy efficiency codes and standards around the world demanded entirely new hardware and software designs from the ground up. The PolyGard[®]2 is certified to conform to EN 50545 and EN 50271, the most rigorous standards in the world for the measurement and control of toxic and combustible gases in parking garages, vehicle maintenance facilities and package sorting hubs.

Single-, Dual-, Or Triple-Gas Sensors: Accurate and economical sensors or sensor/controllers in rugged NEMA 4X enclosures.



X-Change Sensor Modules: Annual maintenance has never been easier or cheaper. No special tools. No special training.

Suitable For Use In SIL 2 Safety Systems: Certified to the highest industrial-grade design and manufacturing standards, PolyGard[®]2 sensors and controllers are so reliable that they can be used in SIL 1 or SIL 2 safety systems. SIL 1 conformance is required by EN 50545...

INTEC Controls PolyGard[®]2 goes further with SIL 2.



Experienced engineers are available to assist with the **design, installation, commissioning and troubleshooting** of every INTEC Controls system!

Suitability • Deployability • Serviceability • Dependability

ⁱ EN 50545-1 Electrical apparatus for the detection and measurement of toxic and combustible gases in car parks and tunnels, September 2011

ⁱⁱ EN 50271 Electrical apparatus for the detection and measurement of combustible gases, toxic gases and oxygen – Requirements and tests for apparatus using software and/or digital technologies

ⁱⁱⁱ 2013 California Building Energy Efficiency Standards, Report from California Utilities Statewide Codes and Standards Team, September 2011

