



Battery Rooms • Refineries & Plants • Fuel Cell Manufacturing & Facilities • Others

INTEC Controls is at the Forefront of Hydrogen Safety

INTEC Controls' robust and industry-tested controllers and sensors display precise hydrogen measurements. They are temperature- and drift-compensated to deliver the highest accuracy and reliability in the market.

These field-proven units feature a standard 4-20 mA analog output and two relays with adjustable switching thresholds. Our hydrogen monitoring solutions are feature-rich, with warning capabilities to promptly alert personnel to dangerous gases.



SGC6 + DR6 Series
Commercial Applications



PX2 Series
Explosion-Proof | SIL 2

PolyGard[®]2

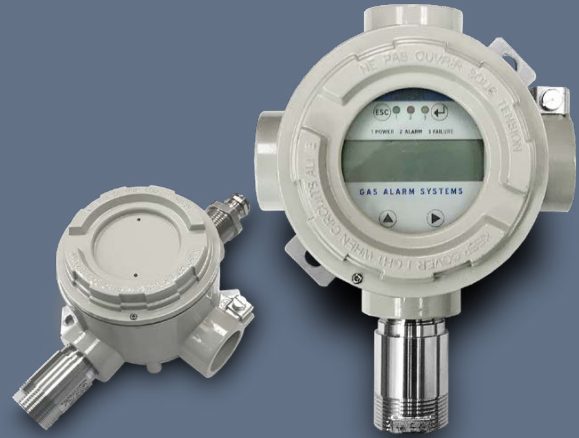


The SGC6 + DR6 Series detect and manage hazardous gas levels, ensuring safer operations across commercial venues like battery rooms, parking structures, package sorting hubs, vehicle repair shops, tunnels, and equipment rooms.

While typically operating as a standalone controller, the SGC6 effortlessly integrates with building management systems via Modbus serial communications, analog or binary output signals. The remote DR6 allows for easy sensor placement.

- H2 detection via DR6 Digital Remote sensor
- 2-Line, 16-character LCD display
- Two (2) SPDT alarm relays, 30 VAC/VDC, 0.5 A
- One (1) 4-20 mA or 2-10 VDC analog output, jumper selectable
- One (1) 24 VDC digital input for relay override
- Audible / visual alarm annunciation
- RS-485 serial com to DGC6-Series Digital Gas Controllers or other Modbus controllers
- NEMA 4X enclosure
- Two years warranty, 12 months for sensor element

PolyXeta[®]2



The PX2 Series is your safeguard in challenging environments like treatment plants, indoor commercial cultivation, bio-gas processing, or petrochemical production. Tailored for spaces rated as Class 1, to Division 1 and 2, this line stands as a robust barrier against potential hazards.

Tackling Groups A through D of combustible gases, the PX2 Series merges unparalleled safety with operational excellence, making it an indispensable asset for a hazard-free, productive workflow.

- SIL 2 safety certified; ATEX, IEC Ex, FM and CSA certification
- Hot-swappable, X-Change sensor module for easy lifecycle maintenance
- Fault and alarm relays (30 VAC/VDC, 1 A)
- RS-485 com port for connection to DGC6 or other Modbus-RTU controller
- 4-20 mA analog output
- Visual (LED) indication of power, alarm and fault; bi-color, backlit 2 x 16 character LCD, optional
- Die-cast aluminum enclosure
- Two years warranty, 12 months for sensor element