



**Continuous monitoring of toxic gases, oxygen levels and combustible gas hazards – with high levels of precision**

The GasPoint II is equipped with a rugged explosion-proof housing and reliable field-proven sensor technology. The transmitter monitors for toxic gases, oxygen levels and combustible gas hazards in the harshest environments.



The GasPoint II is engineered for operation under the most adverse industrial conditions. With smart sensing technology the GasPoint II's transmitter recognizes the interchangeable sensor type and adjusts to the selected gas. Depending on the instrument configuration, an internal clock can be used to measure the elapsed time of sensor use. Other features include display of the time remaining before calibration and self-performing zero adjustment—downtime is virtually eliminated with the GasPoint II.

#### Key Features and Benefits

The GasPoint II is equipped with secure non-intrusive calibration, fail-safe relay contact closures, dual alarm levels and explosion-proof enclosure (Class I, Div. 1).

#### User Friendly

- Self-performing zero adjustment

#### Security and Reliability

- Dual alarm levels
- Fail-safe relay contact closures

#### Durable Housing

- Explosion-proof (Class I, Div. 1)
- Built to withstand adverse conditions

#### Reliable Operation



- Integrated LCD display
- Secure non-intrusive calibration

#### Flexible Operation

- Robust RS-485 Modbus communication
- Interchangeable sensor type

#### Beneficial Options

- Optional infrared sensing technology available for combustible gases
- Duct type mounting kit available (not for use in hazardous locations)
- Remote sensing configuration and remote calibration feature available
- Optional 4-20mA analog output

General Specifications					
<b>Use</b>	Heavy duty, explosion-proof enclosure for use in adverse industrial gas detection situations				
<b>Power Requirements</b>	17-27 Vac, 18-38 Vdc, 380 mA @ 24 Vdc				
<b>Size</b>	19 x 16 x 11.5 cm (7.5 x 6.25 x 4.5 in.)				
<b>Weight</b>	2.1 kg (4.6 lb.)				
<b>Relay Output Rating</b>	5A, 30 Vdc or 250 Vac (resistive load)				
<b>Sensing Technologies</b>	Toxic Combustibles Oxygen CO <sub>2</sub>	Electrochemical Catalytic or Infrared Diffusion fuel cell Infrared			
<b>Visual Indicators</b>	Normal Operation Alarms Common Fault	Green LED Red LED Green LED Yellow LED			
<b>Optional Outputs</b>	RS-485, Modbus, 4-20 mA, 2 SPDT fail safe relays				
<b>Display</b>	Alphanumeric LCD display				
<b>Gas Detection</b>	Gases Detected	Detection Range	Operating Humidity Range	Operating Temperature Range	ATEX Approved
	Hydrogen Sulfide (H <sub>2</sub> S)	0-50 ppm	0 - 90% RH, non-condensing	-40 to +40°C (-40 to +104°F)	✓
	Carbon Monoxide (CO)	0-250 ppm	0 - 90% RH, non-condensing	-20 to +40°C (-4 to +104°F)	✓
	Oxygen (O <sub>2</sub> )	0-25%	5 - 95% RH, continuous	-20 to +40°C (-4 to +104°F)	✓
	Nitrogen Dioxide (NO <sub>2</sub> )	0-10 ppm	15 - 90% RH, non-condensing	-20 to +40°C (-4 to +104°F)	✓
	Sulfur Dioxide (SO <sub>2</sub> )	0-10 ppm	15 - 90% RH, non-condensing	-20 to +40°C (-4 to +104°F)	
	Chlorine (Cl <sub>2</sub> )	0-15 ppm	10 - 95% RH, non-condensing	-20 to +40°C (-4 to +104°F)	
	Combustibles - Catalytic	0-100% LEL	0 - 80% RH, non-condensing	-40 to +50°C (-40 to +122°F)	✓
	Accuracy is ± 3%				
Ratings and Certifications					
<b>Conforms to</b>	UL Standard 1244 C EEx d IIC T6, -40oC Ta +50oC** ATEX:  II 2 G KEMA 04 ATEX 1234** **pending				
<b>Certified to</b>	 Class I, Div. 1 Groups B, C, D				

#### Find out more

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