

GasPoint

- H₂S
- CO
- O₂
- SO₂
- NH₃
- Cl₂
- NO₂
- HCN
- LEL




Continuous Monitoring

With advanced sensor technology and microcontroller based operation, the GasPoint provides continuous monitoring of hazardous gases. Interchangeable electrochemical, infrared and catalytic plug-in sensors, provides a 4-20 mA output signal that can be connected to any control system. Simple operation allows calibration interval and gas alarm setpoints to be changed or set in the field.

- Full function sensor integrity test
- Non-intrusive, one-person calibration with auto zero and auto span
- Equipped with three 5-amp relay contacts—two gas alarm relays (low/high) and fault alarm. Field-selectable normally energized / de-energized and latching/non-latching alarm relay functions.
- Two backlit alphanumeric LCDs advise all environmental and gas hazard conditions as well as instrument and sensor status
- Remote toxic/oxygen sensors can be installed over 3,900 ft./ 1,100 m away; combustible sensors over 1,550 ft./475 m.
- Alarm setpoints displayed on demand—simply press the external button
- Backlight (auto) in low light conditions and alarm
- Extensive fault diagnostics
- 2-way digital communication using MODBUS module

General Specifications

Size	6.8 x 7 x 4.3 in. / 17 x 17.8 x 10.8 cm
Weight	4.85 lb. / 2.2 kg
Enclosure	Nema 4, explosion-proof, anodized aluminum enclosure with mounting flanges
Power input	12 to 32 volts DC
Power consumption	Toxic versions: 40 mA at 24 V _{CD} LEL versions: 100 mA at 24 V _{CD} Relays: 50 mA per relay at 24 V _{CD}
Certifications and approvals	 Class I, Div. 1, Gr. B, C, D Class II, Div. 1, Gr. E, F, G (toxic models only)
Warranty	Full 2 year warranty including sensors (1 year Cl ₂ sensor)

Standard Package Contents

- 3-wire, 4-20 mA GasPoint transmitter
- Stainless steel sensor assembly (as specified)
- Test cap
- Manual



GasPoint	Order Number	Price (CAD)
GasPoint transmitter with H ₂ S sensor unit, MODBUS compatible	GP-HD	\$1,880.00
GasPoint transmitter with CO sensor unit, MODBUS compatible	GP-MD	\$1,880.00
GasPoint transmitter with O ₂ sensor unit, MODBUS compatible	GP-XD	\$1,880.00
GasPoint transmitter with LEL catalytic sensor unit, MODBUS compatible	GP-WD	\$1,920.00
GasPoint transmitter with SO ₂ sensor unit, MODBUS compatible	GP-SD	\$1,920.00
GasPoint transmitter with Cl ₂ sensor unit, MODBUS compatible <i>Cl₂ not rated for Class I, Div. 1</i>	GP-CD	\$2,290.00
GasPoint transmitter with HCN sensor unit, MODBUS compatible	GP-ZD	\$2,290.00
GasPoint transmitter with NO ₂ sensor unit, MODBUS compatible	GP-DD	\$2,290.00
GasPoint transmitter with NH ₃ sensor unit, MODBUS compatible	GP-AD	\$2,500.00
GasPoint transmitter with LEL infrared (IR) sensor unit, MODBUS compatible	GP-IR-WD	\$2,995.00

Accessories and Options	Order Number	Price (CAD)
GasPoint sensor separation kit	GP-SEP	\$350.00
GasPoint stainless steel splash guard / test cap assembly	GP-SSCAL4	\$225.00
GasPoint plastic splash guard	GP-CAL-3	\$52.00
GasPoint pushbutton switch protective boot	GPOINT-B	\$50.00
Duct mount adapter	GP-DUC-K1	\$300.00
GasPoint process baffle, stainless steel with barbed fittings	GP-SSPB	\$175.00
GasPoint MODBUS 2 or 4-wire communication expansion module	GP-MBUS4	\$150.00
GasPoint process baffle, stainless steel with NPT fittings	GP-SSPB-2	\$385.00
Power supply 110-230 VAC, Class I, Div. 2	GP-POWER1	\$550.00

Sensor Assembly Replacements	Order Number	Price (CAD)
GasPoint H ₂ S stainless steel sensor assembly	SS-RH02	\$490.00
GasPoint CO stainless steel sensor assembly	SS-RM02	\$630.00
GasPoint O ₂ stainless steel sensor assembly	SS-RX02	\$560.00
GasPoint combustible (LEL) stainless steel sensor assembly	SS-RW02	\$490.00
GasPoint SO ₂ stainless steel sensor assembly	SS-RS02	\$630.00
GasPoint infrared (IR) combustible (LEL) sensor assembly	IR-RW03	\$1,595.00
GasPoint Cl ₂ stainless steel sensor assembly	SS-RC02	\$740.00
GasPoint HCN stainless steel sensor assembly	SS-RZ02	\$650.00
GasPoint NO ₂ stainless steel sensor assembly	SS-RD02	\$1,140.00
GasPoint NH ₃ stainless steel sensor assembly	SS-RA02	\$740.00

Plug-in Sensors	Order Number	Price (CAD)
Hydrogen sulfide (H ₂ S) sensor	PS-RH01	\$358.00
Carbon monoxide (CO) sensor, H ₂ S filtered	PS-RM01	\$358.00
Oxygen (O ₂) sensor	PS-RX01	\$295.00
Combustible (%LEL) sensor	SR-W04	\$225.00
Sulfur dioxide (SO ₂) sensor	PS-RS01	\$485.00
Chlorine (Cl ₂) sensor	PS-RC01	\$485.00
Hydrogen cyanide (HCN) sensor	PS-RZ01	\$615.00
Nitrogen dioxide (NO ₂) sensor	PS-RD01	\$485.00
Ammonia (NH ₃) sensor	PS-RA03	\$575.00
Calibration plug for stainless steel sensor assembly	E0036	\$15.00

Spares and Replacements	Order Number	Price (CAD)
GasPoint control board with LCDs and internal faceplate	GP-FP-MPCB1	\$580.00
GasPoint power board with relays	GP-PPCB1	\$340.00
Replacement PCB for GasPoint sensor separation kit	GP-SEP-PCB1	\$130.00
GasPoint reset switch	M2329	\$185.00
GasPoint peel-off hydrophobic filters, kit of 10	GP2-FILK2	\$35.00

This product available from:

Optimum Energy Products Ltd.

Online: www.CanarySense.com

Toll Free: 1-877-766-5412