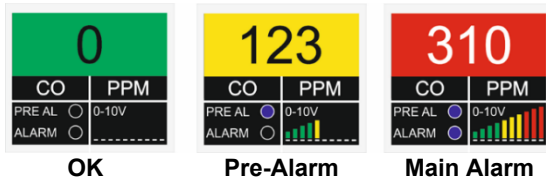


Detector i & iS

Stand Alone Gas Detector Range



Product Overview

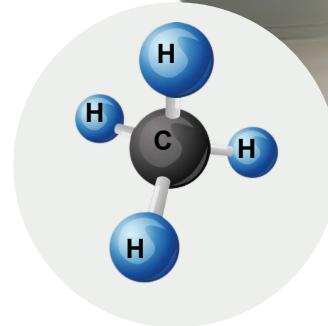
The iS range of CGS detectors work in combination with the CGS Merlin range of Gas Detection panels and Utility Controllers or can be used as a standalone detector.

Popular Applications



Gas Types Available

- CO** Carbon Monoxide
- CH₄** Natural Gas
- LPG** LPG
- R** Refrigerants 134a, 407C, 410a, 417a & 32
- H** Hydrogen
- O₂** Oxygen Depletion / Enrichment
- CO₂** Carbon Dioxide

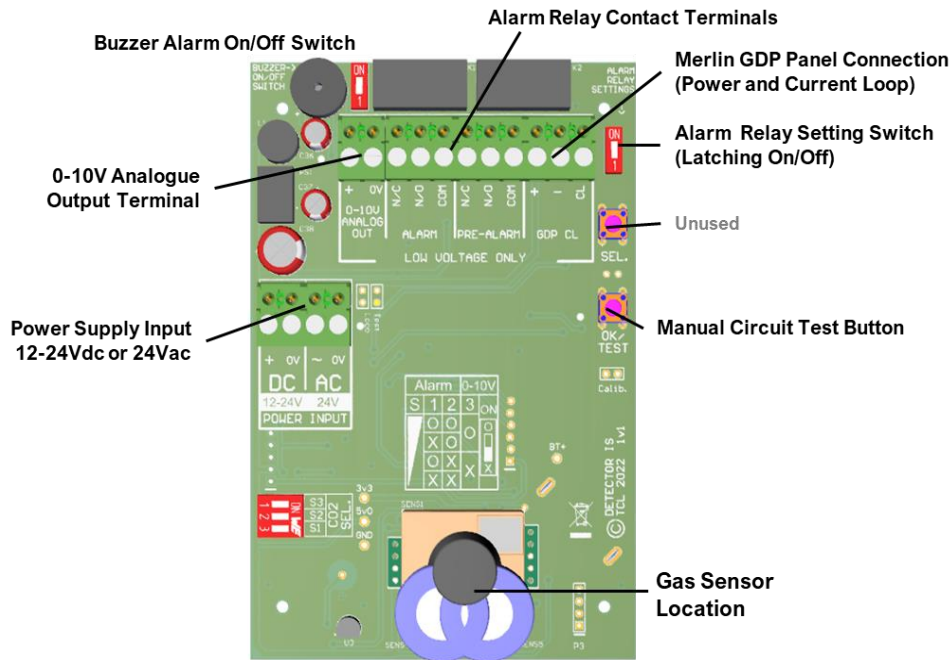


NO PROGRAMMING REQUIRED

- 24VAC or DC Power Input
- Traffic Light Indicator Display Changes Color Dependent On Gas Levels
- Modern & Compact Design
- Plug & Play Installation
- Standalone Detector or Used with an CGS Controller
- BMS/BAS Communications
- Alarm Relay Dry Contact
- In-Built Audible Alarm

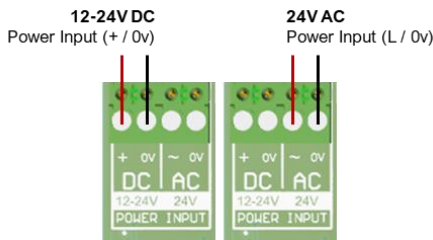
Clearly Labeled Circuit Boards

Quick and Easy Install Saves Time and Money



Standalone Power

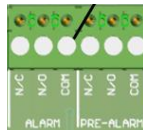
12-24V power inputs can be either AC or DC. Terminals are pluggable type to ease connections.



Alarm Relays

In-built alarm relays can be used to control & communicate with various ancillaries such as:

- Fans
- Electrical Contactors
- Audible Alarm Beacons
- BMS Communications



0-10V Analog Output

In-built 0-10V analog output, most commonly used to control & communicate with various ancillaries such as:

- Variable Speed Fans
- HVAC Ventilation Systems
- BMS Communication



Standalone Or Controlled By A Merlin Panel

In-built alarm relays can be used to control & communicate with various ancillaries such as:

- These detectors can connect into our GDP and Merlin control panels through this terminal.



Change Alarm Levels

These switches configure alarm thresholds of CO2 (Carbon Dioxide) detectors only. There is a legend on the board for quick reference.

X = OFF / O = ON



S1	S2	Pre-Alarm	Alarm	S3	0-10V Output Range
O	O	2800ppm	4500ppm	O	0 - 5000ppm
X	O	1500ppm	2800ppm	X	0 - 2000ppm (Default)
O	X	1200ppm	1500ppm		
X	X	800ppm (Default)	1000ppm (Default)		

Find out more

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Contact Canadian Gas Safety for free design consultancy and application support