

CGS

CANADIAN GAS SAFETY

MINI MERLIN KITCHENS

30+ YEARS OF EXPERIENCE

EMERGENCY SHUTDOWN FOR COMMERCIAL KITCHENS

WITH ADDED GAS DETECTION



CGSCH4CO-TWA
(Methane & CO)

CGSLPGCO-TWA
(LPG & CO)



Automatic Emergency Shutdown

Boiler and/or gas supply shutdown in alarm i.e. gas detected, emergency panic & fire alarm activation



Manual Emergency Gas Shutdown

Use with a twist release panic button to manually shut off the gas supply in emergency



Manual Reset

Touch button for manual reset after an alarm state or upon start-up



BMS & Fire Panel Connectivity

Outputs available to BMS systems via the controllers dry contacts



Plug & Play

Pre-programmed inputs & outputs for fast and easy installation



ULC Listed

ULC 61010 Listed Controlled ULC 2075 Sensor



Meets Code Requirements

Emergency gas shutdown and hazardous gas detection



Easy To Use

Clear TFT screen displays status indications & live gas detector values

ALARM LEVEL THRESHOLDS

Alarm Level 1 - Pre Alarm Warning

Methane / LPG < 8% LEL
Carbon Monoxide (CO) < 20ppm

Alarm Level 2 - Full Alarm

Methane / LPG < 10% LEL
Carbon Monoxide (CO) < 20ppm @ 2 hours
< 50ppm @ 1 hour
< 100ppm @ 10 minutes
< 300ppm @ 1 minute

AUTOMATIC SHUTDOWN

The Mini Merlin is designed to shut off the source of a carbon monoxide or combustible gas leak via gas valve shut down, or an electrical contactor. The Mini Merlin can also receive inputs from fire alarms and remote panic buttons to provide additional shutdown methods.



FIND OUT MORE

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INPUTS & OUTPUTS



Inputs

Inputs from various devices will initiate an alarm condition, which will shut down connected devices

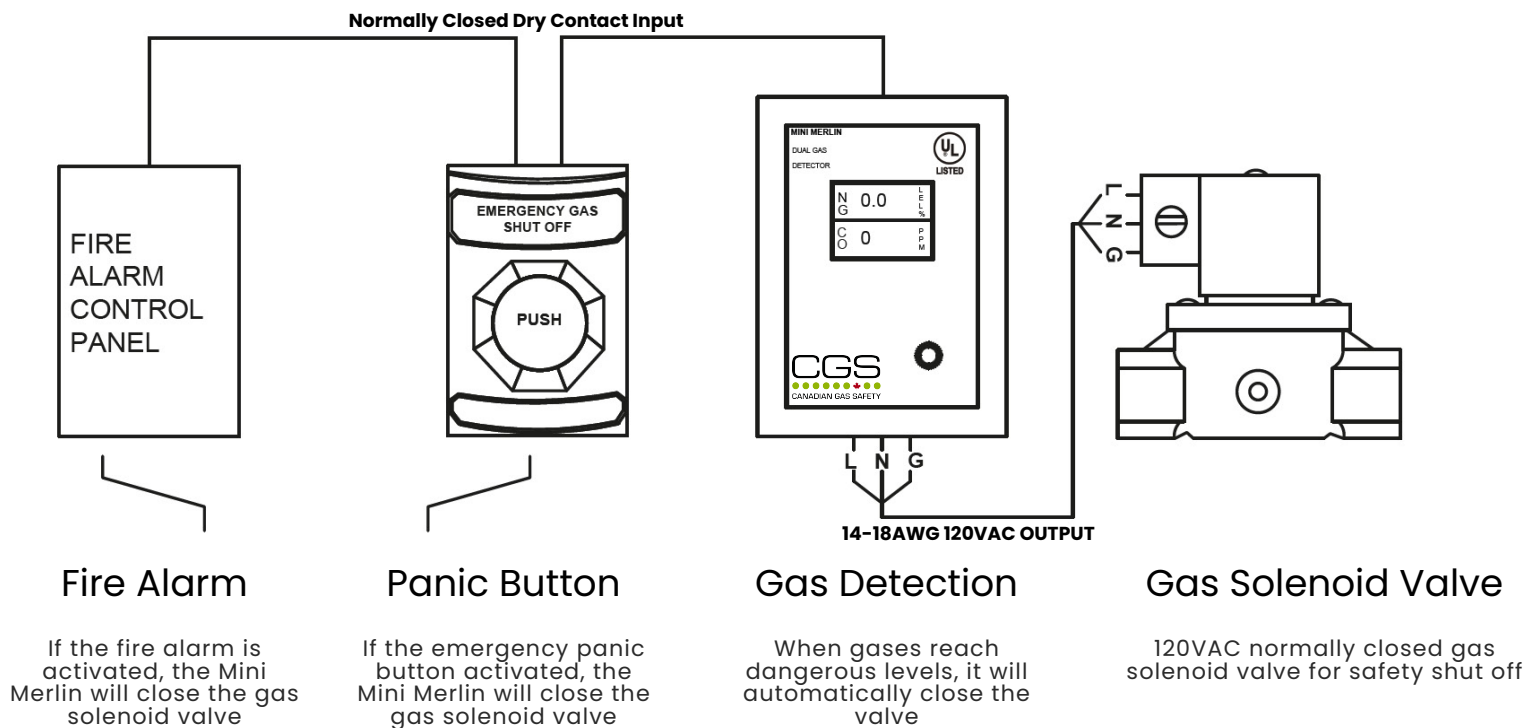
CGS Mini Merlin

Add in the Mini Merlin as a relay panel between your emergency shut off and fire alarm, get the added benefits of combustible gas detection and simply the wiring.

Outputs

Various built-in outputs allow the Mini Merlin to shut down devices

GAS VALVES SHUTDOWN



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