

CGS

CANADIAN GAS SAFETY

CGS MINI MERLIN CSD-1

PROTECT LIFE & BUILDING

COMBINED
NATURAL GAS
& CARBON
MONOXIDE
MONITOR



CGSCH4CO
(Methane & CO)

CGSLPGCO
(LPG & CO)

30+
YEARS OF
EXPERIENCE



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



UL Listed

UL 61010 Listed Controlled
UL 2075 Sensor



Meets Code Requirements

Manual gas shut off CSD-1 code in boiler rooms



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, boiler safety circuits, or an electrical contactor.



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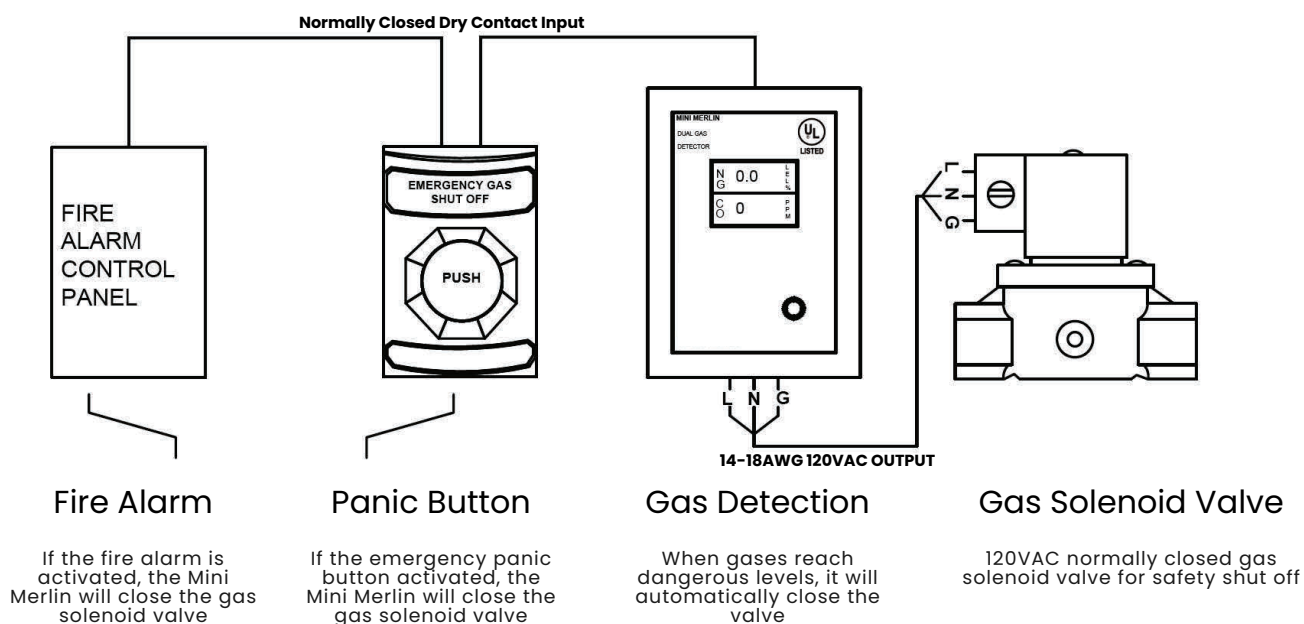
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GAS VALVES SHUTDOWN



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