

# AGS

AMERICAN GAS SAFETY

## AGS MINI MERLIN CSD-1

# 30+

YEARS OF  
EXPERIENCE

### PROTECT LIFE & BUILDING

COMBINED  
NATURAL GAS  
& CARBON  
MONOXIDE  
MONITOR



**AGSCH4CO**  
(Methane & CO)

**AGSLPGCO**  
(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



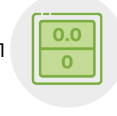
#### UL Listed

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.



FIND OUT MORE

info@americangassafety.com  
(727)-608-4375

### PROVIDING SAFETY & CONTROLS IN

- SCIENCE LABORATORIES • BOILER ROOMS • GAS FEATURES
- COMMERCIAL KITCHENS • PARKING GARAGES • EMS STATIONS





## Inputs

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

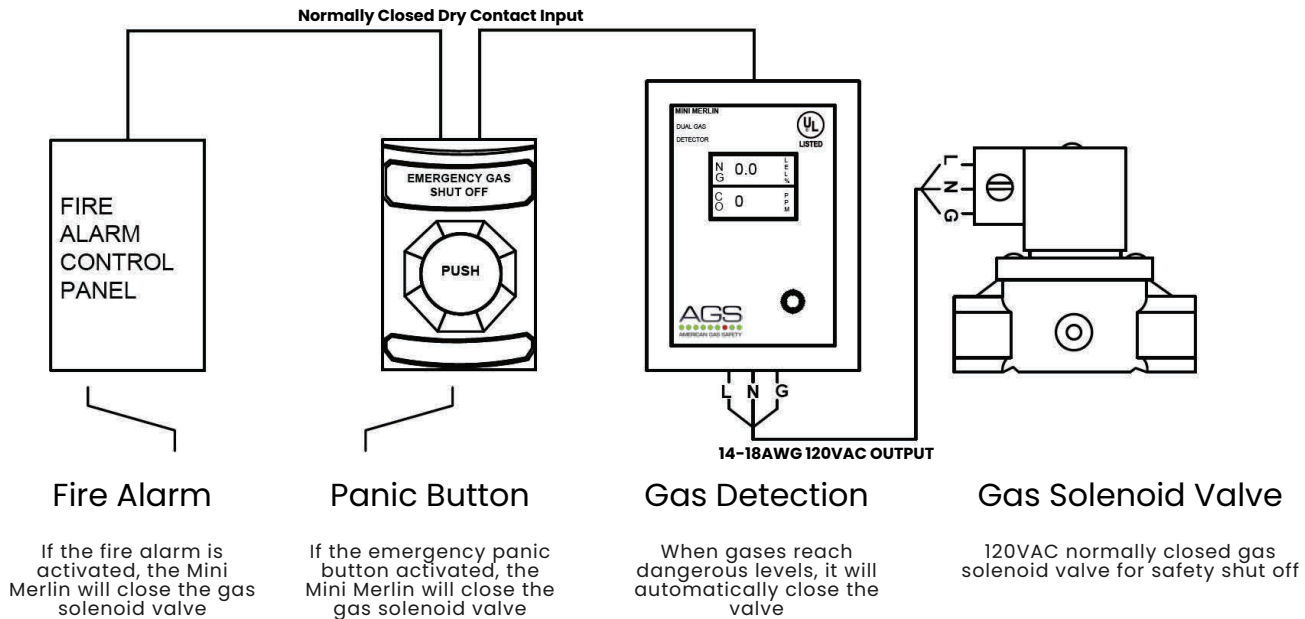
## AGS Mini Merlin

Protecting you and your environment from the dangers of explosive gas and poisonous carbon monoxide

## Outputs

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

# GAS VALVES SHUTDOWN



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