Carbon Monoxide Sensors

G Series

SPECIFICATIONS (GMxA Monitor)

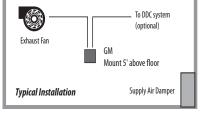|	
Input Power	24VAC/VDC@0.5A
Inputs	Detect contact closure from sensor relay. Four channels. 24VDC loop
Output	Form C (SPDT) relay. 5A@30VAC
Alarm Indicators	Four, 10 mm red LED indicates alarm status
Power Indicator	Green LED indicates power supply operation
Operating Environment	-20° to 50°C (-4° to 122°F); 0 to 90% RH non-condensing
Physical	NEMA 1, metal enclosure, white

GMxA

Easy Control of Ventilation in Parking Garages and Mechanical Areas

FEATURES

● *Interface to DDC system, GM panel, or direct fan control... easy integration with existing systems*
● *Audible exposure alarm 100 ppm, 30 minutes per UL 2034... easy troubleshooting*

DESCRIPTION

The GMxA monitoring station accepts digital inputs from up to four G Series sensors to provide alarm status indication for each channel, and a Form C (SPDT) fan actuation relay. If any of the sensors detects CO levels above 25 ppm, or if a fault is detected, the corresponding alarm status indicator lights and the fan relay de-energizes (failsafe).

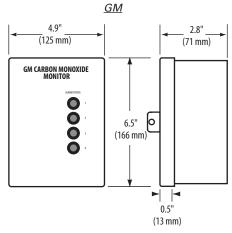*Ventilation control for energy savings and OSHA compliance in parking garages and service bays*

APPLICATIONS

● *Controlling parking garage ventilation*
● *Ensuring OSHA air quality compliance in commercial buildings and factories*
● *Vehicle bays (ambulance/fire/taxi stations)*
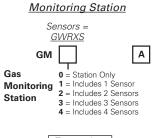● *Mechanical rooms*
● *Sally ports*

VERIS INDUSTRIES

WIRING DIAGRAMS

GM

CONTACTOR POWER

FAN POWER

N.C. CONTACTOR

24VDC/VAC COMMON

GMxA MONITORING STATION

N.C. COMM

FAN RELAY

N.O.

VERIS GD/GW SENSOR
(sold separately)

10V   5V

V+
GND
IN

Common
OUTPUT

Out 0-5V/10V or 4-20mA
IN V+ 15-30VDC, 24VAC
N.O. Relay
N.O. Relay

200   100
PPM

V+
IN

Jumper unused Inputs as shown.

DIMENSIONAL DRAWINGS

GM

4.9"
(125 mm)

2.8"
(71 mm)

GM CARBON MONOXIDE MONITOR

ALARM STATUS

1
2
3
4

6.5"
(166 mm)

0.5"
(13 mm)

ORDERING INFORMATION

Monitoring Station

Sensors =
GWRXS

GM [ ]   A

Gas Monitoring Station

0 = Station Only
1 = Includes 1 Sensor
2 = Includes 2 Sensors
3 = Includes 3 Sensors
4 = Includes 4 Sensors

Example:
GM 4 A

ACCESSORIES

Verification Kits (AA32, AA39)
Replacement sensors (AA09)
Calibration gases (AA37, AA38)
Power Supplies: For a complete product offering check out our PS Series

AA38   *AA32*   *AA09*