



Carbon Monoxide Sensor GS-CP01

Description

The GS-CP01 is a newly developed fixed gas detector with high-quality electrochemical/catalytic gas sensor and excellent craft work, it has the advantages of good repeatability, disturbing-proof against temperature and humidity, long life-span and easy operation.

It can transfer the gas concentration in air into digital signal output through 4-20mA electric current signal. It is suitable for gas detection in car parking or industrial environment where toxic gas or combustible gas leaks. Versions are available for wall or duct mounting

Features

- 0-300ppm
- Analogue Output
- Low Level Alarm Output
- High Level Alarm Output
- IP66 Protection
- Wall or duct mounting versions



Technical Specification

Detection method:	Electrochemical
Range:	0-300ppm
Resolution:	1ppm
Low alarm level:	35ppm
High alarm level:	200ppm
Output:	4-20mA
Response time:	<60s
Shelf Life & life expectancy:	> 2 Years
Coverage:	up to 400M ²
Supply voltage:	24Vdc +/-25%
Ambient temperature range:	-20°C to 50°C
Dimensions:	L165 x W118 x H62

Order Codes

GS-CP01	Wall Mount Carbon Monoxide Sensor
GS-CP01-D	Duct Mount Carbon Monoxide Sensor

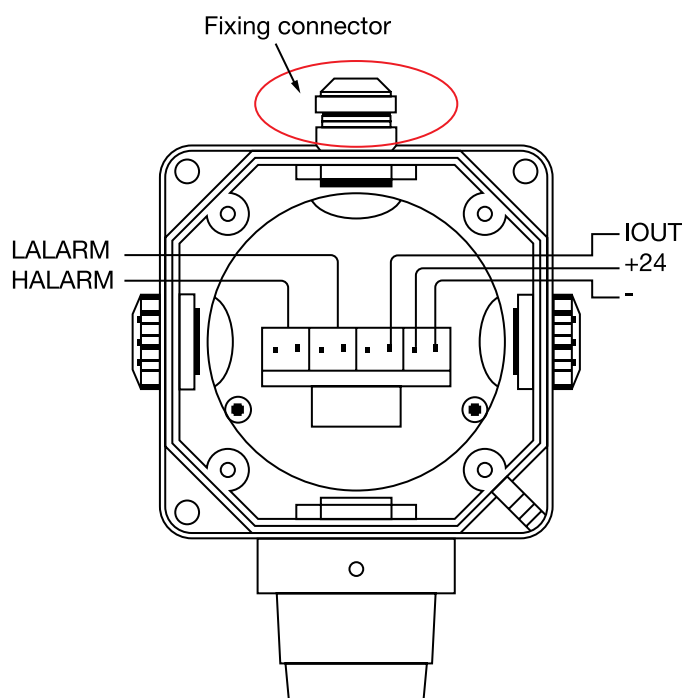
Installation

Please install the gas detector within 1 meter near to the gas valve, pipeline connector, gas output mouth or possible leakage point. Please keep it far away from high temperature and humidity. For wall mounting unit mount 1m lower than the ceiling. For large areas, a single unit may cover up to 400m² but more units may be required to give adequate coverage. When installing it, please ensure the gas sensor head downward. Please choose a location free from drafts for maximum accuracy

Wiring

The wire between gas controller and the detector should be more than 1.5 mm² ($\leq 1000m$).

After the detector is installed correctly, open the up-cover of the detector and screw off the cable gland locknut. Pull in the wire into the detector through the cable gland. Then connect the wire to the terminals of the detector according to the marks on the circuit. The connection is as shown below. After connecting wires correctly, pull out the extra wire and screw on the locknut, tighten the rubber air-proof bush and clamp the wire. After all connection is correct, fix the cover with M4×8 bolts.



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