

SEI3000 Cars Gas Detector Alarm System

Operation Manual

Adopting high quality gas sensor and advanced electronical technology, SEI3000 vehicle gas alarm system has the advantages of excellent performance, lower consumption, easy operation and maintenance. It is widely used in gas powered taxi and bus, so as to avoid fire emergency or explosion due to gas leakage.



Gas sensor	Semiconductor
Detecting gas	Natural gas, LPG
Working voltage	DC12V±1V
Working condition	Tem: -40℃~70℃ Hum: ≤95%RH
Storage temperature	-40℃~70℃
Pressure limit	86kPa~106 kPa
Consumption	Alarming status <1W Non-alarming status <1.5 W
Response time	≤30s Auto resume
Gas sampling	Natural diffusion
Detection range	0~100%LEL
Preset alarm value①	10%LEL
Alarm method	Audible and visible alarm
Audio alarm sound	≥70dB
Sensor life	5 years
Application	Gas powered taxi and bus
Weight	Appr. 270g

Note: ① can be specified by the customer before the goods leaving the factory.

Wire Connection and Installation

This alarm system is designed mainly for gas powered cars and buses use in the city. For buses, the following is the installation position drawing:

①Rear engine ②Gas bottle ③Front engine
④Rear area of the ceiling ⑤ Front area of the ceiling
If the bus is twin-layer, the quantity will be more.

For taxis, the following is the installation position drawing: ① Gas bottle ② Engine

LED Indication:

Power LED: After electrifying, it will keep lighting, which means the detector is working.

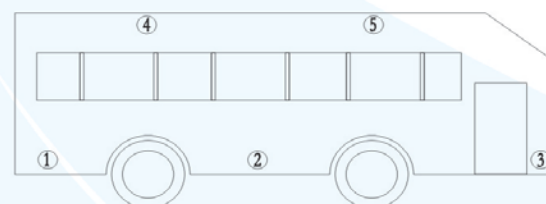
Fault LED: If it is lighting, it means the detector is defective and without detecting function. Please contact the seller.

Alarm LED: When the detector gives alarming, it will light or flickers quickly until the gas concentration falls below the preset value.

Mute / Text Button:

This button is used to check the function of audible and visible alarm. When there is no alarming signal, if push this button, fault and power LED lights are flickering and the buzzer gives sound.

When the detector is giving alarming or in low voltage status, if push this button, audible alarm will be cancelled. If either LED or buzzer is defective, please repair it in time, so as to avoid missing any alarm signal.



Technical Data:

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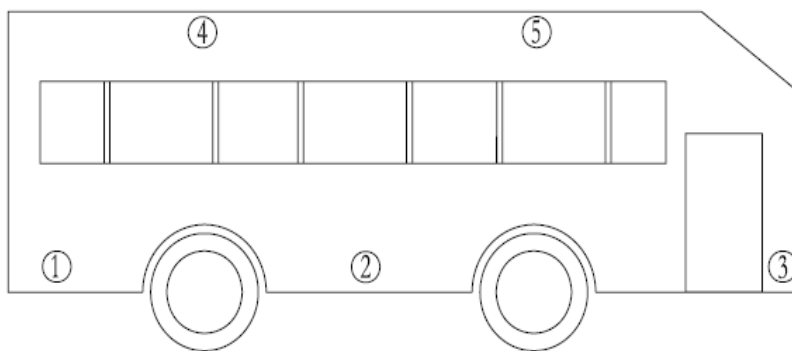
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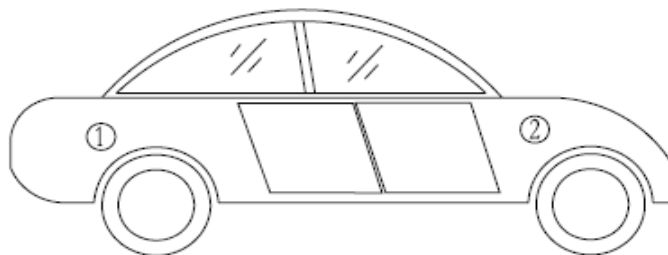
This alarm system is designed mainly for gas powered cars and buses use in the city.

For buses, the following is the installation position drawing:

① Rear engine ② Gas bottle ③ Front engine ④ Rear area of the ceiling ⑤ Front area of the ceiling
If the bus is twin-layer, the quantity will be more.



For taxis, the following is the installation position drawing: ① Gas bottle ② Engine



Installation







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