

GD-P201 Series Gas Leak Alarm



Introduction

GD-P201 Series (New Generation) Gas leak alarm is a kind of wall-hung household gas alarm designed to detect the concentration of combustible and toxic gases or vapors. It provide a visual and audible signals when the gas concentration reaches presetting level, remind you take prompt favorable action , you may start up other link equipment, ventilate gas or shut off gas supply to avoid Fire, explosion, suffocation, and other evil accident. The alarms are available for liquefied petroleum gas (LPG), natural gas (Methane), propane, town gas etc. They are not only installed at home, but also used at any other potentially hazardous areas.

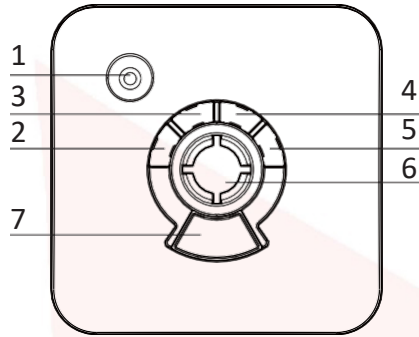
MCU control, Reliable without false alarming

Local sound and light alarming

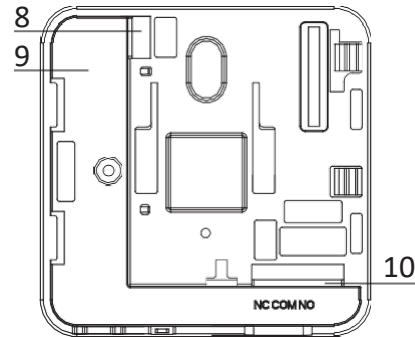
Drive Long-distance Alarming System

Ventilate good air circulation or shut off gas supply link equipment.

STRUCTURE AND INSTALLATION:



Front Panel



Back Inner Structure

1	Buzzer	6	Gas Intake holes
2	Power Light	7	Test/Reset
3	Fault Light	8	Power In
4	Alarm Light	9	Power supply
5	Warm up Light	10	Valve and Relay output

SPECIFICATION:

Sensor type	High performance semiconductor sensor	Response time	≤30s Auto-Recover
Detecting gas	Natural gas/LPG	Sampling method	Natural diffusion
Working voltage	AC220V±15% AC110V±15%	Detecting range	0~20%LEL
Consumption	Static power consumption<0.3W,	Alarming point	10% LEL
	Dynamic power consumption<0.9 W	Alarming mode	Visual and audible
Working environment	Temperature: -10°C~55°C;	Alarming sound	≥85dB (1m)
	Humidity: ≤93%RH, no dew;	Sensor life	5 years
	Ambient pressure: 86kPa~106kPa;	IP degree	IP30
Rest type	Automatic / Manual	Optional function	<input type="checkbox"/> Gas cut-off Valve <input type="checkbox"/> Relay output

Gas Detector Alarm and Fault Matrix:

Gas Presence	Power LED Green	Fault LED Yellow	Alarm LED Red	Sounder	Action to be taken
0% LEL	ON	OFF	OFF	OFF	Normal
~ 10% LEL	ON	OFF	ON	ON	Possible Gas Leak follow emergency procedures
Fault	ON	ON	OFF	OFF	Call for service