

# BH-KZ101 Combustible Gas Control Panel


SIL  FC RoHS CE

## Technical Parameters

|                         |                               |                      |                                                                                                                  |               |                    |
|-------------------------|-------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------|---------------|--------------------|
| Display:                | LCD display and LED indicator | Power Consumption:   | ≤25W                                                                                                             | Alarm Method: | Visual and Audible |
| Voltage Output:         | DC24V±6V                      | Working Environment: | Temperature:0°C~40°C; Humidity: ≤95%RH no dew                                                                    |               |                    |
| Communication Protocol: | Rs485, support MODBUS, Orena  | Detectors:           | Can connect to up to 8units of 4-20mA output detectors; Or up to 8units of RS485 output detectors                |               |                    |
| Input Signal:           | 4-20mA; RS485                 | Relay Output:        | 3 relay outputs; Capacitance:10A/250VAC; 10A/30VDC                                                               |               |                    |
| Product Size:           | 310*210*80mm (about2.9kg)     | Power Requirements:  | AC220V±15% 50/60Hz; Operating current ≤1.2A; Backup battery: lithium battery(18.5V 2000mAh); Charge current≤0.5A |               |                    |

# BH-KZ101 Gas Controller

The BH-KZ101 combustible gas control panel (hereinafter the controller) is designed for wall-mounted installation and can connect to 4-20mA detectors, as well as RS485 detectors powered by 24VDC. This system is designed to detect and monitor combustible gas concentrations on-site. When the gas level exceeds the preset alarm setpoints, the relays will automatically activate. This activation will trigger connected devices such as alarms and fans. Please note that the controller is not explosion-proof and must be installed in a safe area.



## Wiring Rules

