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## BH-KZ101 Combustible Gas Control Panel



SIL Ex FC RoHS (€

## **Technical Parameters**

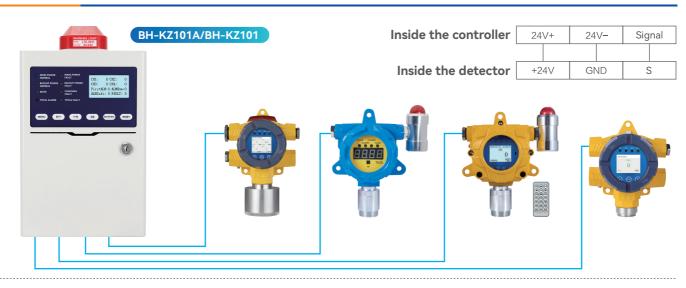
Display:	LCD display and LED indicator	Power Consumption:	≤25W	Alarm Method:	Visual and Audible
Voltage Output:	DC24V±6V	Working Environment:	Temperature:0°C~40°C; Humidity: ≤95%RH no dew		
Communication Protocol:	Rs485, support MODBUS, Orena	Detectors:	Can connect to up to 8units of 4–20mA output detectors; 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		

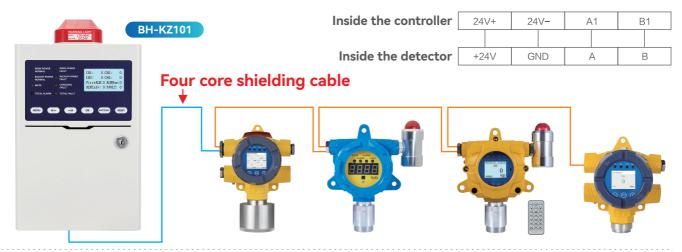
## **BH-KZ101 Gas Controller**

The BH-KZ101 combustible gas control panel (hereinafter the controller)isdesigned for wall-mounted installation and can connect to 4-20mA detectors, aswell as RS485 detectors powered by 24VDC. This system is designed to detectand monitor combustible gas concentrations on-site. When the gas level exceedsthe preset alarm setpoints, the relays will automatically activate. This activationwill 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**







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