K1000 Series Gas Detector Controller Used In Monitoring Room 8/16/32 Channel

Our Product Introduction

Basic Information

- Minimum Order Quantity: MOQ 1pc
- Price: USD 680
- Stock: In stock 100pcs
- Shipping Method: Express
- Description: K1000 series gas detector controller provides simultaneous display and alarm functions for up to 4 or 8 or 16 monitored
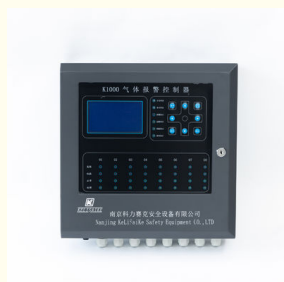- Payment Terms: T/T

Product Specification

- Temperature Of Media: Normal Temperature
- Media: Gas
- Structure: Control
- Standard Or Nonstandard: Standard
- Application: General,office
- Product Name: Gas Leak Detector
- Highlight: **8 Channel Gas Detector Controller**, **32 Channel Gas Detector Controller**, **16 Channel Gas Detector Controller**

More Images

Product Description

K1000 Series Gas Detector Controller

K1000 series gas detector controller provides simultaneous
display and alarm functions for up to 4 or 8 or 16 monitored variables. Easy to configure and user friendly, the K1000 series control system can function as a critical alarm controller for toxic or combustible gases. The controllers are easy to install and feature a large graphical LCD display and non-intrusive user interface for hazardous areas.

Centralized Monitoring:
The K1000 centralizes gas detection and control, offering comprehensive oversight across multiple sensors and zones.

Multi-Gas Compatibility:
Manage a diverse array of gases, from combustibles to toxic variants, with unparalleled flexibility.

Real-time Visualization:
Dynamic display provides real-time gas concentration data, facilitating swift and informed decisions.

Customizable Alarms:
Set personalized alarm thresholds and responses for different gases, optimizing safety protocols.

Integrated Ventilation Control:
Seamlessly integrate with ventilation systems for immediate response to gas incidents, enhancing personnel safety.

Data Logging and Reporting:
Store historical data for analysis and compliance reporting, enhancing safety audits and decision-making.

Modular Expandability:
The K1000 is designed to grow with your needs, supporting seamless integration of additional sensors and features.

Easy to Install
One-click auto-setup check, ready to use

K1000: Unveil Safety Beyond Boundaries – Where Control Meets Confidence

Up to 4,8,16 and 32 inputs for either 4-20mA or Modbus transmitters.
24V DC internal power supply provides a 15 watts total system power
Modbus RS-485 serial ports for simultaneous master/slave operation
Two independent alarm levels per channel." Relay Ackhowledge" feature allows silencing external audible alarm device in existing alarm conditions.
Standard common alarm relays for HORN,HIGH and WARN
Wall and cabinet installation
A graphical LCD with backlight displays real-time data and engineering units, indicating two alarms per 16 channels and common relays

Technical Specification:

Type	Control Unit for location in a non-hazardous area	
Gas and ranges	Toxic, oxygen and combustible gases with user definable measuring ranges. Refer to transmitter type for ranges, name and engineering units.	
Inputs	2 or 3 wire 4-20-mA transmitters(RS-485signal) Remote reset 24 VDC supply	
Outputs	Alarm 1, Alarm 2 as standard RS-485	
Display	LCD Menu structure and messages in real text, button navigation Active, Alarm 1 and Alarm 2 LCD's per input	
Contact Capacity	5A 250V AC/ 5A 30V DC	
AC Power	220VAC,50/60Hz(Tolerance 100~240VDC)	
Power	300W	
Communication Range	Up to 1000m, without relay	
Communication Medium	STP	
Sampling Rate	0.1s/channel	
Ambient Conditions	Temperature	-10 ~+55
	Humidity	95%RH(non-condensing)
	Pressure	86~106Kpa