



Pump Detection Method Gas Detector 24V DC Working Voltage Precise Gas Leak Detection Device for Hazardous Environments

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: KELISAIKE
- Model Number: K800
- Minimum Order Quantity: MOQ 1pc
- Price: USD 300
- Packaging Details: carton package
- Delivery Time: 5-8days
- Payment Terms: T/T
- Supply Ability: 1000pcs, 2weeks



Product Specification

- Aspiration: Diffusion
- Model No: K800
- Outer Case: Aluminum Alloy And Stainless Steel
- Degree Of Protection: IP65
- Units: PPM, Vol%, LEL%
- Working Voltage: 24V DC
- Currency: USD\$
- Working Principle: EC, Pellistor IR PID
- Highlight: **24V DC gas leak detector, fixed gas detector for hazardous environments, precise pump detection gas detector**



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Product Description:

The K800 Fixed Gas Detector is a highly reliable and versatile solution designed to ensure safety and environmental monitoring in a variety of industrial and commercial settings. This advanced gas detection device is engineered to identify and measure hazardous gases with precision, making it an essential tool for workplaces where gas leaks or toxic gases pose significant risks. The K800 model stands out in the market due to its robust design, cutting-edge technology, and user-friendly features, making it the preferred choice for professionals who require dependable gas detection performance.

One of the key features of the K800 Fixed Gas Detector is its ability to detect multiple gases such as formaldehyde (HCHO), chlorine gas (CL2), and other harmful substances. This makes the K800 an indispensable HCHO gas detector and CL2 gas detector, capable of providing continuous monitoring to protect personnel and assets from dangerous exposure. The device's multi-gas detection capability ensures comprehensive safety coverage in environments ranging from chemical plants and manufacturing facilities to laboratories and storage areas.

The K800 operates on a combination of advanced working principles, including Electrochemical (EC), Pellistor, Infrared (IR), and Photoionization Detector (PID) technologies. This multifaceted approach allows the detector to accurately sense a wide spectrum of gases with high sensitivity and fast response times. For example, the EC sensors are particularly effective for detecting toxic gases like chlorine, while the Pellistor sensors are used for combustible gases. The IR technology enhances the detection of gases that absorb infrared light, and the PID sensors are excellent for detecting volatile organic compounds (VOCs) such as formaldehyde. This synergy of technologies ensures the K800 Fixed Gas Detector meets rigorous safety standards and adapts to diverse monitoring needs.

Calibration is a critical aspect of maintaining the accuracy and reliability of gas detectors. The K800 model features field calibration with test gas, allowing users to perform on-site calibration easily without the need to send the device back to the manufacturer or specialized service centers. This capability not only saves time and reduces maintenance costs but also ensures that the detector remains in optimal working condition, delivering precise readings throughout its operational life.

In terms of design, the K800 Fixed Gas Detector boasts a robust construction with an IP65 degree of protection. This means the device is dust-tight and protected against water jets, making it suitable for harsh industrial environments where exposure to dust, moisture, and other contaminants is common. The IP65 rating guarantees durability and long-term performance, even under challenging conditions, which is essential for continuous gas monitoring applications.

The device features a diffusion aspiration method, which allows gas molecules to naturally diffuse into the sensor for detection. This passive sampling technique requires no additional pumps or fans, simplifying installation and maintenance while providing reliable gas detection. The diffusion method is particularly advantageous in fixed installations where continuous, unattended monitoring is necessary. Overall, the K800 Fixed Gas Detector is a state-of-the-art instrument that combines superior detection technologies, ease of calibration, rugged design, and multi-gas detection capability. Whether you need an HCHO gas detector, a CL2 gas detector, or a general fixed gas detection system, the K800 offers a comprehensive solution that enhances safety, ensures compliance with regulatory standards, and provides peace of mind in potentially hazardous environments.

Choosing the K800 means investing in a durable, accurate, and efficient fixed gas detector that supports proactive safety management. Its integration of EC, Pellistor, IR, and PID sensors, coupled with field calibration and an IP65 rating, underscores its suitability for a wide range of industrial applications. With the K800 Fixed Gas Detector, organizations can confidently monitor harmful gases such as formaldehyde and chlorine, protect their workforce, and minimize the risk of accidents related to gas exposure.

Applications:

The KELISAIKE K800 Fixed Gas Detector, originating from China, is a highly reliable gas monitoring device designed to ensure safety in various industrial and commercial environments. With its advanced detection methods, including diffusion and pump sampling, this gas monitor offers precise and timely detection of hazardous gases such as formaldehyde (HCHO) and other harmful substances. Its robust working principles—EC (Electrochemical), Pellistor, IR (Infrared), and PID (Photoionization Detector)—enable it to effectively monitor a wide range of gases, making it an essential tool for maintaining workplace safety and environmental compliance.

This fixed gas detector is ideal for application occasions such as chemical plants, manufacturing facilities, oil and gas refineries, laboratories, and storage areas where the presence of toxic, combustible, or flammable gases pose significant risks. The KELISAIKE K800 is particularly effective in environments where continuous monitoring of formaldehyde (HCHO) is critical, helping to prevent exposure to this harmful volatile organic compound. Its IP65 degree of protection ensures that the device can withstand harsh conditions, including dust and water ingress, making it suitable for both indoor and outdoor installations.

In addition to industrial settings, the K800 gas monitor is well-suited for use in public buildings, hospitals, and schools where air quality monitoring is necessary to safeguard occupant health. The device's field calibration feature with test gas allows for easy and accurate calibration on-site, ensuring consistent performance without the need for complex maintenance procedures. This capability is especially valuable in dynamic environments where gas concentrations may fluctuate frequently.

Scenarios such as leak detection, confined space monitoring, and ventilation system verification are perfect applications for the KELISAIKE K800 fixed gas detector. Whether it is deployed in a factory to detect combustible gases or in an office building to monitor HCHO levels, this gas monitor provides reliable and continuous surveillance to alert personnel promptly of any dangerous gas presence. The use of USD\$ for procurement ensures accessibility and affordability for a wide range of users globally.

Overall, the KELISAIKE K800 Fixed Gas Detector combines advanced technology, durable construction, and versatile detection capabilities, making it an indispensable safety instrument in numerous scenarios where gas hazards exist. Its comprehensive detection methods and user-friendly calibration process guarantee that it remains a top choice for professionals seeking dependable gas monitoring solutions.

Customization:

Our KELISAIKE K800 Fixed Gas Detector offers versatile customization services to meet your specific monitoring needs. Manufactured in CHINA, this advanced device supports both Diffusion and Pump detection methods, ensuring accurate and reliable gas detection. Whether you require a HCHO gas detector or a CL2 gas detector, the K800 can be tailored accordingly.

The K800 operates at a working voltage of 24V DC and features a convenient field calibration method using test gas, allowing for easy maintenance and precise adjustments on-site. We provide flexible options in calibration to suit your operational environment and safety standards.

All customization services are priced competitively in USD\$, and our team is committed to delivering high-quality Fixed Gas Detector solutions that align perfectly with your application requirements. Trust KELISAIKE for reliable, efficient, and customizable gas detection technology.

Support and Services:

Our Fixed Gas Detector product is designed to provide reliable and continuous monitoring of hazardous gases to ensure safety in various industrial environments. For technical support, we offer comprehensive assistance including installation guidance, calibration procedures, troubleshooting tips, and maintenance recommendations to optimize performance and extend the lifespan of your device.

We provide detailed product manuals and firmware updates to keep your gas detector operating with the latest features and safety standards. Our support team is equipped to help you with sensor replacement, system integration, and configuration tailored to your specific application needs.

Additionally, we offer on-site services including professional installation, periodic inspection, and calibration services to maintain accuracy and compliance with regulatory requirements. Training sessions are available to help your team understand device operation, safety protocols, and emergency response procedures related to gas detection.

For enhanced service, we also provide extended warranty options and rapid repair services to minimize downtime. Our goal is to ensure that your Fixed Gas Detector system delivers continuous protection and peace of mind in your workplace.

Packing and Shipping:

Product Packaging:

The Fixed Gas Detector is carefully packaged in a sturdy, corrosion-resistant box to ensure safe transportation and storage. Inside the box, the detector is cushioned with high-density foam padding to protect it from shocks and vibrations during shipping. The package includes the Fixed Gas Detector unit, a user manual, mounting accessories, and a calibration certificate. All components are securely sealed in anti-static bags to prevent any damage from moisture or dust.

Shipping:

Our Fixed Gas Detectors are shipped using reliable courier services with tracking options available. Each shipment is handled with care to maintain product integrity. Depending on the destination, products are shipped via air or ground transport, ensuring timely delivery. For international shipments, all necessary customs documentation will be provided to facilitate smooth clearance. We recommend inspecting the package upon arrival and reporting any damage or discrepancies immediately to ensure prompt resolution.

FAQ:

Q1: What gases can the KELISAIKE K800 Fixed Gas Detector detect?

A1: The KELISAIKE K800 Fixed Gas Detector is capable of detecting a variety of gases including combustible gases, toxic gases, and oxygen levels, depending on the sensor installed.

Q2: Where is the KELISAIKE K800 Fixed Gas Detector manufactured?

A2: The KELISAIKE K800 Fixed Gas Detector is manufactured in China.

Q3: How is the KELISAIKE K800 Fixed Gas Detector installed?

A3: The K800 model is designed for easy wall or pipe mounting with standard fittings, and it comes with detailed installation instructions to ensure proper placement and operation.

Q4: What kind of maintenance does the KELISAIKE K800 Fixed Gas Detector require?

A4: Regular calibration and sensor checks are recommended for the K800 to maintain accuracy. Cleaning the detector and checking electrical connections periodically also help ensure optimal performance.

Q5: Does the KELISAIKE K800 Fixed Gas Detector support alarm notifications?

A5: Yes, the K800 model features audible and visual alarms to alert users immediately when dangerous gas levels are detected.



Nanjing Kelisaike Safety Equipment Co., Ltd.



+86 25 8719 3262



manager@njklsk.cn



multi-gasdetection.com

Bldg 12, 2 Qingshuiting West Road, Nanjing, Jiangsu, China, 211102