



K800 Fixed Gas Detector Exd ict6 Explosion Proof For Hazardous Environments

Our Product Introduction

Basic Information

- Minimum Order Quantity: 1PC
- Price: \$100-800 PC
- Stock: 1PC



Product Specification

- Voltage: DC 24V
- Operating Temperature: -20 Degree ~ +50 Degree
- Signal Output: 4 To 20mA
- Explosion-Proof Grade: Exd ict6
- Certificate: Ce,UL
- Warranty: 1 Year
- Detection Range: 0-200ppm
- Low Alarm: 10ppm
- High Alarm: 50ppm
- Outer Case: Aluminum Alloy And Stainless Steel
- Transport Package: Carton
- Specification: 1.8kg
- Trademark: KelisaIKE, Or OEM
- Origin: Nanjing, China
- HS Code: 8531100000



More Images



Product Description

K800 Fixed Gas Detector and Controller UL, ATEX Approved



K800 Series Fixed Gas detector provides comprehensive monitoring of combustible, toxic gas hazards in potentially explosive atmospheres, indoors and outdoors-and is marked by installation ease and flexibility, user-friendly operation and cost-effective gas monitoring.

[» Product Detail](#)

K800 Fixed Gas Detector



UK sensors (brands CITY, Alphasense, Dynamant etc.), US (brand Honeywell), Japanese and German sensors, ensuring high stability & sensitivity

CE/ATEX approved. Gas detectors are approved under the ATEX directive.



Larger& stronger LED screen:
easy for reading; able to work in environments with -4 °F to 122°F (-20°C – +50°C), 0 – 95% RH, non-condensing (anti-splash)

- **High response speed:** Specially designed main board for industrial use; 10+ years professional engineering team for technical solutions
- **OBM/ ODM/ OEM Service:** with over 14 years experience, specializing in gas detectors.



>>>Key Features

- 1) Providing digital LCD display, alarm facility with sound and light, and solid relay output on the spot, allowing control the equipments easily.
- 2) Supporting 4 to 20mA analog signal output (DC24V), connecting with the remote host controller, and having direct access to the DCS.
- 3) Connecting 3 - core shield cable, 3x1.0mm.
- 4) Special transmitter mounting kit making the installation and performing calibration easier and better.
- 5) Ambient temperature: -20°C~+50°C
- 6) Explosion-proof grade: Exd IIC T6
- 7) High sensitivity, short response time and good stabilization

Detailed types of the K800 series Fixed Gas Detector:

K800-[gas type]-[mount pattern]

N: with non-display

D: with LED display

DA:alarm with light and sound

>>>Technical Specification

Power supply	24VDC
Output signal	4-20mA standard industrial signal output
Operating temperature	-20°C~+50°C
Display	Backlight LED
Relative humidity	15%~90% RH (non-condensing)
Atmospheric pressure	86~106Kpa
Explosion-proof grade	Exd IIC T6
Warranty	1 year

Detection system draft and detector working principle:

COMMONLY USED GAS DETECTION LIST

No.	Detection gas	Range	Accuracy	response time	90%	Min readout time	Low/high alarm

1	PH3	0-5-2000ppm±5%(F.S)	≤25s	0.01ppm	0.3/5ppm
2	O2	0-30% ±5%(F.S)	≤15s	0.1%vol	18.0%/23.0%
3	LPG(LEL/CH4)	0-100%LEL ±5%(F.S)	≤5s	1%LEL	25.0%/50.0%LEL
4	CO	0-1000 ppm ±5%(F.S)	≤25s	1 ppm	50ppm/100ppm
5	H2S	0-100 ppm ±5%(F.S)	≤30s	1 ppm	10ppm/20ppm
6	CH4	0-100%LEL ±5%(F.S)	≤5s	1%LEL	25.0%/50.0%LEL
7	NH3	0-100ppm ±5%(F.S)	≤50s	1 ppm	25 ppm /50 ppm
8	O3	0-20ppm ±5%(F.S)	≤60s	0.01ppm	0.2ppm/0.4ppm
9	Cl2	0-20 ppm ±5%(F.S)	≤30s	0.1 ppm	1 ppm /10 ppm
10	H2	0-1000 ppm ±5%(F.S)	≤60s	1 ppm	50 ppm /100 ppm
11	SO2	0-100 ppm ±5%(F.S)	≤30s	0.1 ppm	2 ppm /10 ppm
12	NO	0-250 ppm ±5%(F.S)	≤60s	1 ppm	25ppm/50 ppm
13	NO2	0-20 ppm ±5%(F.S)	≤25s	0.1 ppm	3ppm/10ppm
14	Infrared CO2	0-5%vol ±5%(F.S)	≤60s	0.1%vol	1%vol/2%vol
15	Infrared CH4	0-5%vol ±5%(F.S)	≤60s	0.1%vol	0.1%vol/0.15%vol
16	Infrared C3H8	0-5%vol ±5%(F.S)	≤60s	0.1%vol	0.1%vol/0.15%vol
17	PID(VOCs)	1-1999ppm ±5%(F.S)	≤20s	0.1ppm	customize

>>>Package

>>> Our Services

1. For all our customers, our products have 1 year warranty, and life-long maintenance.
2. All inquiries will be replied in 24 hours.
3. Providing technical support, professional engineers are specialized in dealing with gas monitoring problems you met.
4. OEM and ODM service are welcome
5. KELISAIKE plant is located in Nanjing, only 1 hour by high speedtrain from Shanghai. Welcome to visit the factory.
6. All products are well tested and packed before shipment; the certificate of inspection will be provided.

>>> Calibration

Do you know how to calibrate your portable gas detectors?

Please contact us to ask for help.

Why choose KELISAIKE?

1. Mutual benefit : We are a factory. The price is much more competitive than others in the same quality.
2. Professional engineers: With 10+ years history, KELISAIKE has a professional engineering team: 4 engineers who have more than 10 years' experience and over 5 engineer assistants in gas detection line, with Hi-Tech manufacturing equipments, we make more accurate and stable products.
3. Customize : We have strong R&D team, the custom product as your request are available.
4. Free OEM service : (a) Silk-printing your Logo(≥100PCS). (b) Design your color box(≥500PCS).
5. Mix order : We accept mix order, different model and small quantity order.
6. After service: (a) 1 Year warranty. (b) If there's any inferior-quality products are found, new ones could be sent to replace at free cost in the next order after confirmation.

>>> FAQ

Q: Can I order one piece for sample to test the quality?

A: Yes, We recommend to check the sample before place qty order.

Q: May I have your catalogue and price list for trial order in MOQ quantity?

A: All our products were shown on -line, please have a detailed looking and choose the satisfied models, or just send email to us.

Q: If I order big quantity, what's the good price?

A: Please send the detailed enquiry to us, including the Item Number, Quantity for each item, Quality request, Logo, Payment Terms, Transport method, Discharge place etc. Best quotation will be given to you as soon as possible.

>>>COMPANY VIEW

Nanjing KELISAIKE company is one of the largest safety equipment manufactures, possessing the most complete production range and specifications in the safety equipment industry of mainland China. Nanjing KELISAIKE was founded in 2004, including three subsidiaries in Beijing, Xi'an and Xinjiang, and more than 30 domestic sales service centers, with total registered capital of 5.16 million Yuan.

We are the leader enterprise of the science and technology, persisting in creating core competencies by the core technology. In the company, there is one professional and technical talent team who masters core technology, including more than 10 senior technicians and masters.

Standard products and services cover the portable gas detector, fixed gas transmitter, wall-mounted gas detector, gas detector control unit, air breathing apparatus etc. Also Nanjing KELISAIKE is an experienced factory for OEM service, providing professional design and construction of the customize products. The products are widely used in fields of petroleum, chemical, gas transmission and distribution, warehousing, municipal gas, fire fighting, environmental protection, metallurgy, pharmacy, energy and power industry.



COMPANY
APPEARANCE

THE OFFICE
MEETING



WORKSHOP
INSTRUMENT

- Nanjing KelisaIKE Safety Equipment Co., Ltd. founded in 2004, Nanjing KelisaIKE has three subsidiaries in Beijing, Xi'an and Xinjiang province, and over 30 domestic sales service centers.
- Standard products include the K60 series portable single gas detectors, K60-IV series multi gas detectors, K800 series fixed gas transmitters, K500 series wall-mounted gas detectors, K1000 series gas detector control panel units, KL99 series air breathing apparatuses, etc.
- Nanjing KelisaIKE is also a factory with rich experience in OEM service, providing professional design and manufacturing of customized products.



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