

## High Alarm 23%Vol Fixed Gas Detector System With Customization Options

Our Product Introduction

for more products please visit us on [multi-gasdetection.com](http://multi-gasdetection.com)

### Basic Information

- Minimum Order Quantity: 1PC
- Stock: 1PC



### Product Specification

- Model NO.: K800
- Gas: CO
- Type: Electrochemical Gas Analyzer
- Voltage: DC 24V
- Operating Temperature: -20 Degree ~ +50 Degree
- Signal Output: 4 To 20mA
- Explosion-Proof Grade: Exd Iict6
- Certificate: CE
- Detection Range: 0-30%Vol
- Low Alarm: 18%Vol
- High Alarm: 23%Vol
- Transport Package: Carton
- Specification: 1.8kg
- Trademark: KELISAIKE Or OEM
- Origin: Nanjing, China



### More Images



## Product Description

### Gas analyser with CE UL certificate O2 gas detector

**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.



#### >>>Key Features

- 1) Providing digital LCD displayer, 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: ExdIICT6
- 7) High sensitivity, short response time and good stabilization

#### >> Product Detail

### K800 Fixed Gas Detector





**UK sensors** (brands CITY, Alphasense, Dynament 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.



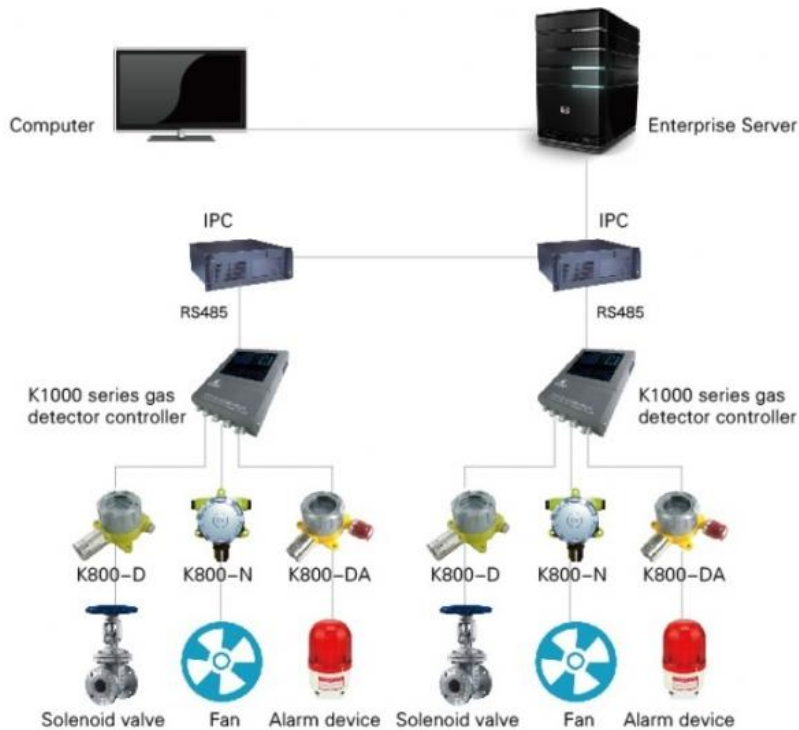
#### Detailed types of the K800 series Fixed Gas Detector:

K800-[gas type]-[mount pattern]  
 N: with non-dispalay  
 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 IICT6                                |
| Warranty              | 1 year                                   |

#### Detection system draft and detector working principle:



#### COMMONLY USED GAS DETECTION LIST

| No. | Detection gas                          | Range       | Accuracy | 90%<br>response<br>time | Min<br>readout | Low/high alarm   |
|-----|----------------------------------------|-------------|----------|-------------------------|----------------|------------------|
| 1   | PH <sub>3</sub>                        | 0-5-2000ppm | ±5%(F.S) | ≤25s                    | 0.01ppm        | 0.3/5ppm         |
| 2   | O <sub>2</sub>                         | 0-30%       | ±5%(F.S) | ≤15s                    | 0.1%vol        | 18.0%/23.0%      |
| 3   | LPG(LEL gas)                           | 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   | H <sub>2</sub> S                       | 0-100 ppm   | ±5%(F.S) | ≤30s                    | 1 ppm          | 10ppm/20ppm      |
| 6   | CH <sub>4</sub>                        | 0-100%LEL   | ±5%(F.S) | ≤5s                     | 1%LEL          | 25.0%/50.0%LEL   |
| 7   | NH <sub>3</sub>                        | 0-100ppm    | ±5%(F.S) | ≤50s                    | 1 ppm          | 25 ppm /50 ppm   |
| 8   | O <sub>3</sub>                         | 0-20ppm     | ±5%(F.S) | ≤60s                    | 0.01ppm        | 0.2ppm/0.4ppm    |
| 9   | Cl <sub>2</sub>                        | 0-20 ppm    | ±5%(F.S) | ≤30s                    | 0.1 ppm        | 1 ppm /10 ppm    |
| 10  | H <sub>2</sub>                         | 0-1000 ppm  | ±5%(F.S) | ≤60s                    | 1 ppm          | 50 ppm /100 ppm  |
| 11  | SO <sub>2</sub>                        | 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  | NO <sub>2</sub>                        | 0-20 ppm    | ±5%(F.S) | ≤25s                    | 0.1 ppm        | 3ppm/10ppm       |
| 14  | Infrared CO <sub>2</sub>               | 0-5%vol     | ±5%(F.S) | ≤60s                    | 0.1%vol        | 1%vol/2%vol      |
| 15  | Infrared CH <sub>4</sub>               | 0-5%vol     | ±5%(F.S) | ≤60s                    | 0.1%vol        | 0.1%vol/0.15%vol |
| 16  | Infrared C <sub>3</sub> H <sub>8</sub> | 0-5%vol     | ±5%(F.S) | ≤60s                    | 0.1%vol        | 0.1%vol/0.15%vol |

#### Certificate:

## » Our Certificates



We have obtained [CE](#), [ISO](#) and other international certificates for different market requirements.

## Packing:

### Package and Delivery



**Firmly Packing**

**Non fumigation wooden case**

**Loading and transportation**

**Arrived**

## Our Service:

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. We will provide technical support, our engineers will help to solve the problems you met.
4. We can provide OEM and ODM service.
5. Our factory is locating in Nanjing city, welcome to visit our factory.
6. All products will be well checked and well packed before shipment, and qualification certificate will be provided.

## Calibration:

Do you know how to calibrate your portable gas detectors?  
Please contact us to ask for help.



## 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.

### Why choose KELISAIKE?

1. Mutual benefit : We are a factory, our price will be cheaper in the same quality.
2. Professional engineers: We have 3 engineers who have more than 10 years' experience and over 5 engineer assistants in gas detection line, with Hi-Tech equipments, we make more accurate and stable products.
3. Customize : We have strong R&D team, can custom product as your request.
4. Free OEM service : (a) Silk-printing your Logo(≥100PCS). (b) Design your color box(≥200PCS).
5. Mix order : We accept mix order, different model and small quantity order.
6. After service: (a) 1 Year warranty. (b) If you found any inferior-quality products from us, we will send new ones to replace for free in your next order after confirmed.

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

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

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

A: All our products were shown on Made in China, please have a detailed looking and choose the interested models in our site. Or you can send email to us.

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

A: Please send the details enquiry to us, such as the Item Number, Quantity for each item, Quality request, Logo, Payment Terms, Transport method, Discharge place etc. We will make the accurate quotation to you as soon as possible.



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