



## High Sensitivity Fixed Gas Detector Explosion Proof With DC 24V Power Supply

### Basic Information

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



### Product Specification

- Model NO.: K800
- Voltage: DC 24V
- Operating Temperature: -20 Degree ~ +50 Degree
- Signal Output: 4 To 20 Ma
- Explosion-Proof Grade: Exd lic T6
- Certificate: Ce
- Warranty: 1 Year
- Transport Package: Carton
- Specification: 1.8 Kg
- Trademark: KELISAIKE Or OEM
- Origin: Nanjing, China
- HS Code: 8531100000
- Supply Ability: 600
- Brand: Kelisaike
- Customized: Non-Customized



### More Images



### Product Description

The K800 series fixed gas detector, with 2, 3 or 4 wires connection, 4-20 mA RS485 Modbus output, provides continuous detection and monitoring of gases for a wide range of industrial environments. The fixed detector with in-built alarms and fault relays is suitable for safety protection of personnel and plant from flammable, toxic and oxygen gases.



K800-N

K800-D

K800-DA

#### >>Key Features

Digital and analogue outputs

LED status indicator light for alarm conditions

The relay can trigger alarms or process control system

Three models available for measuring toxic gases, VOCs, or combustible gases

Explosion-proof case

**CERTIFICATIONS: UL, CE, CMC, Ex, MA (SAFETY CERTIFICATE OF APPROVAL FOR COAL MINING PRODUCTS IN CHINA).**

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

K800-[gas type]-[mount pattern]

N: Non-display

D: with LED display

DA: alarm with light and sound

#### >>Technical Specifications:

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

#### Diagram of Detection System and Its Working Principle:

#### LIST OF COMMONLY DETECTED GASES

No.	Detection gas	Range	Accuracy	90% response time	Min 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

#### Packing:



#### Our Service:

1. For all our products, we offer a 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 located in Nanjing city, welcome to visit our factory.
6. All products will be fully checked and well packed before shipment, and the qualification certificate will be provided.

#### Calibration:

For the calibration of KELISAIKE products, please feel free to contact us for help.

#### Why should you choose KELISAIKE?

1. Mutual benefits: We are a manufacturer, so we can offer products of the same quality at the best prices.
2. Professional engineers: We have seasoned engineers with over 10 years' experience in the gas detection field. With various hi-tech equipment, we make products with higher accuracy and stability.
3. Customization: Thanks to our strong R&D team, we can customize our products at your request.
4. Free OEM service: a) Silk-print your Logo ( $\geq 100$  PCS). b) Design your colour box packing ( $\geq 200$  PCS).
5. Mixed order: We accept mixed orders, with different models and small quantity orders.
6. After service: (a) 1 Year warranty. (b) If you found any of our products of inferior-quality, we will send you new ones to replace them for free in the next order after verification.

#### FAQs:

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

A: Yes, we recommend ordering a sample for a quality check before a large quantity order.

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

A: All our products are shown on [njklsk.en.made-in-china.com](http://njklsk.en.made-in-china.com); please have a detailed look and choose the interested models on the website. Or you can send email to us directly for more product information.

Q: If I order a large quantity, what's the best price?

A: Please send the detailed enquiry to us, including item model number, the quantity for each item, quality requirement, Logo and payment terms, shipping method, discharge place, etc. We will make an accurate quotation to you at the earliest time.



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