

## K800 Explosion Proof Gas Analyzer Fixed NH3 Gas Detector

### Our Product Introduction

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

#### Basic Information

- Place of Origin: Nanjing, China
- Brand Name: KELISAIKE
- Certification: CE
- Model Number: Per the description
- Minimum Order Quantity: 1
- Price: US\$330.00-400.00
- Packaging Details: Carton
- Delivery Time: 10 work days
- Stock: 1PC
- Shipping Method: LCL, AIR, FCL, Express



#### Product Specification

- Model NO.: K800-D
- Certificate: CE
- Gas: NH3
- Detection Range: 0-100ppm
- Low Alarm: 25ppm
- High Alarm: 50ppm
- Voltage: DC 24V
- Signal Output: 4 To 20mA
- Alarm Type: Vibration Alarm With Light, Sound
- Operating Temperature: -20 ~+50
- Explosion-Proof Grade: Exd IIC T6
- Weight: 1.8kg
- Warranty: 1 Year
- HS Code: 8531100000



#### More Images



## K800 Explosion Proof Gas Analyzer Fixed NH3 Gas Detector



The **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:



**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.





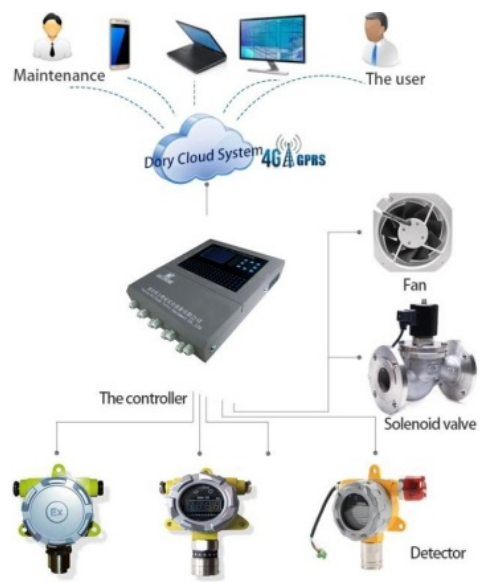
**Larger & stronger LED screen:**  
easy for reading; able to work in environments with  $-4^{\circ}\text{F}$  to  $122^{\circ}\text{F}$  ( $-20^{\circ}\text{C}$  –  $+50^{\circ}\text{C}$ ), 0 – 95% RH, non-condensing (anti-splash)

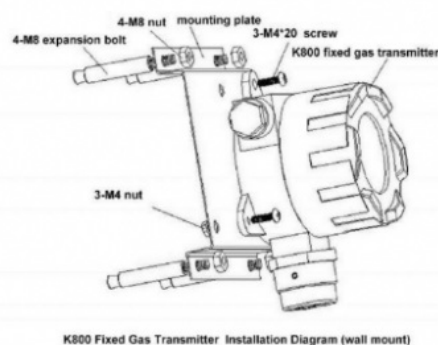
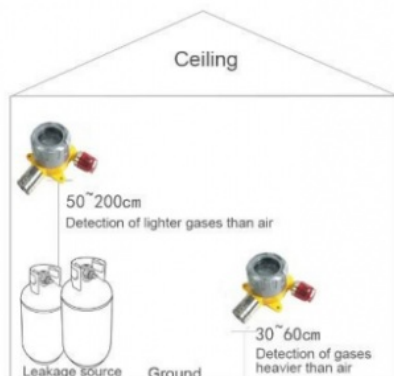
- **High response speed:** Specially designed main board for industrial use; 10+ years professional engineering team for technical solutions
- **OEM/ ODM/ OEM Service:** with over 14 years experience, specializing in gas detectors.



### Application:

The detector working with gas controller are widely used to detect gas in refinery, chemical plant, LPG station, boiler room, painting plant and other places with gas exists, effectively protect personnel and plant from flammable, toxic and oxygen hazards.





## Parameter:

| Item:                  | K800 Fixed gas detector                                                                                   |
|------------------------|-----------------------------------------------------------------------------------------------------------|
| Sensor Cell:           | UK sensors (brand CITY, Alphasense, Dynament etc.), US (brand Honeywellsensor), Japan and Germany sensors |
| Lifetime of Detector:  | 2 - 5 years                                                                                               |
| Sample Mode            | Diffusion                                                                                                 |
| Output Signals:        | <b>4-20mA&amp;RS485</b>                                                                                   |
| Operating Voltage:     | 24V DC                                                                                                    |
| Response Time          | T90≤30S                                                                                                   |
| Suitable Cable         | RVVP3*1.5mm <sup>2</sup> cable                                                                            |
| Wiring                 | 3-wire/4-wire                                                                                             |
| Relay Output           | 1 relay output                                                                                            |
| Operation Method       | with remote control                                                                                       |
| Ingress Protection     | IP66                                                                                                      |
| Body Material          | YL113 aluminum +304L S/S                                                                                  |
| Display                | 4 digital LED readout display (LCD display with power, fault,alarm-1,alarm-2 indicator light)             |
| Transmission Cable     | Three core shield cable, 3×1.5mm                                                                          |
| Ambient Temperature:   | - 20 ° C ~ + 50 ° C                                                                                       |
| Relative Humidity:     | 10~90%RH(non condensation)                                                                                |
| Working Pressure:      | 86~106Kpa                                                                                                 |
| Detection Precision:   | ±5%FS                                                                                                     |
| Net Weight:            | K800-N: 1.6kg K800-DA:2 kg                                                                                |
| Dimension(mm):         | 183×143×107mm                                                                                             |
| Certificates           | EN 61326-1:2013;<br>EX (Exd IICT6 Gb;Ex tD A21IP66T80°C);<br>SIL(SIL2);<br>UL 508<br>UL1203               |
| Explosion-proof Grade: | Exd II CT6                                                                                                |
| Protection Grade:      | IP65                                                                                                      |

## Certificates:



| Gas Type | Detection Method | Detection Range         | Operating temperature | Resolution | T90 Response Time |
|----------|------------------|-------------------------|-----------------------|------------|-------------------|
| O2       | Electrochem      | 0-25%vol/30%vol         | -30 ~+60              | 0.1%vol    | T90≤20s           |
| CO       | Electrochem      | 0-100ppm/500ppm/2000ppm | -30 ~+60              | 0.1ppm     | T90≤20s           |
| H2S      | Electrochem      | 0-100ppm/200ppm/1000ppm | -30 ~+60              | 0.1ppm     | T90≤30s           |
| NO2      | Electrochem      | 0-10ppm/30ppm/100ppm    | -30 ~+60              | 0.1ppm     | T90≤30s           |
| NO       | Electrochem      | 0-100ppm/200ppm/1000ppm | -30 ~+60              | 0.1ppm     | T90≤50s           |
| CL2      | Electrochem      | 0-20ppm                 | -30 ~+60              | 0.1ppm     | T90≤30s           |
| H2       | Electrochem      | 0-2000ppm/4%vol         | -30 ~+60              | 0.1ppm     | T90≤30s           |
| SO2      | Electrochem      | 0-200ppm                | -30 ~+60              | 0.1ppm     | T90≤30s           |
| CL2      | Electrochem      | 0-20ppm                 | -30 ~+60              | 0.1ppm     | T90≤30s           |
| HCL      | Electrochem      | 0-30ppm/200ppm          | -30 ~+60              | 0.1ppm     | T90≤30s           |
| HCN      | Electrochem      | 0-10ppm/200ppm          | -30 ~+60              | 0.1ppm     | T90≤30s           |

|          |             |                                |          |          |         |
|----------|-------------|--------------------------------|----------|----------|---------|
| NH3      | Electrochem | 0-100ppm/500ppm/1000ppm        | -30 ~+60 | 0.1ppm   | T90≤25s |
| O3       | Electrochem | 0-1ppm/10ppm                   | -30 ~+60 | 0.1ppm   | T90≤30s |
| PH3      | Electrochem | 0-5ppm/10ppm                   | -30 ~+60 | 0.1ppm   | T90≤30s |
| CLO2     | Electrochem | 0-3ppm                         | -30 ~+60 | 0.1ppm   | T90≤50s |
| H2       | Catalytic   | 100%lel                        | -40 ~+60 | 1%lel    | T90≤20s |
| CH4(CA)  | Catalytic   | 0-100%lel                      | -40 ~+60 | 1%lel    | T90≤20s |
| CH4(IR)  | IR          | 0-5%vol/100%vol                | -40 ~+60 | 0.1%vol  | T90≤20s |
| VOCs     | PID         | 0-50ppm/200ppm/1000ppm/5000ppm | -40 ~+60 | 0.1ppm   | T90≤20s |
| CO2(IR)  | IR          | 0-5%vol/100%vol                | -40 ~+60 | 0.01%vol | T90≤20s |
| C3H8(IR) | IR          | 0-2%vol/100%vol                | -40 ~+60 | 0.01%vol | T90≤20s |
| CxHy(IR) | IR          | 0-100%lel                      | -40 ~+60 | 1%lel    | T90≤20s |
| SF6(IR)  | IR          | 0-1000ppm/2000ppm              | -40 ~+60 | 1ppm     | T90≤20s |

## >> About Us



## 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.

## » Our Exhibition



## » Our Certificates



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

## » Product Application Show



- The company's products are widely used in fields of petroleum, chemical, gas transmission and distribution, warehousing, municipal gas supply, fire fighting, environmental protection, metallurgy, pharmacy, energy and power industry.

## Why Choose Us?

1. Mutual benefit :We are a factory. The price is much more competitive than others in the same quality.
2. Professional engineers: With 20+ years history, KELISAIKE has a professional engineering team: 4 engineers who have more than 20 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(z100PCS). (b) Design your color box(z500PCS).

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.

### 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. 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 speed train from Shanghai. Welcome to visit the factory.

6. All products are well tested and packed before shipment; the certificate of inspection will be provided.

### FAQ

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

A: Yes, We recommend to check the sample before place an 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 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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