

## 4-20mA Fixed Gas Detector LPG Gas O2 Gas Detection Analyzer

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\$240.00-300.00
- 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: O2
- Detection Range: 0-30%Vol
- Low Alarm: 18%Vol
- High Alarm: 23%Vol
- Signal Output: 4 To 20mA
- Voltage: DC 24V
- Alarm Type: Vibration Alarm With Light, Sound
- Operating Temperature: -20 ~+50
- Explosion-Proof Grade: Exd IIC6
- Weight: 1.8kg
- HS Code: 8531100000
- Warranty: 1 Year
- Highlight: 4-20mA LPG gas detector,



### More Images



## 4-20mA Fixed Gas Detector LPG Gas O2 Gas Detection Analyzer



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:

- 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: Ex d IIC T6
- 7) High sensitivity, short response time and good stabilization

### Technical Specifications:

| Item:                | K800 Fixed gas detector                                                                                    |
|----------------------|------------------------------------------------------------------------------------------------------------|
| Sensor:              | UK sensors (brand CITY, Alphasense, Dynament etc.), US (brand Honeywell sensor), Japan and Germany sensors |
| Lifetime of Sensor:  | 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, 3x1.5mm                                                                           |
| Ambient Temperature: | - 20 ° C ~ + 50 ° C                                                                                        |
| Relative Humidity:   | 10~90%RH(non condensation)                                                                                 |
| Working Pressure:    | 86~106Kpa                                                                                                  |
| Detection Precision: | ±5%FS                                                                                                      |





## COMMONLY USED GAS DETECTION LIST

| 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           |



## COMPANY APPEARANCE

## THE OFFICE MEETING



## WORKSHOP INSTRUMENT



- Nanjing Kelisaik Safety Equipment Co., Ltd. founded in 2004, Nanjing Kelisaik 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 Kelisaik 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 whohave 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 toreplace 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 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.

## 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. Oryou 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.



**Nanjing Kelisaik Safety Equipment Co., Ltd.**



+86 25 8719 3262



manager@njklsk.cn



multi-gasdetection.com

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