



## Fixed Industrial Gas Leak Detector 18ma Output For Toxic And Flammable

### Our Product Introduction

#### Basic Information

- Place of Origin: Nanjing, China
- Brand Name: KelisaIKE
- Certification: UL,CE
- Model Number: K800
- Minimum Order Quantity: 1PC
- Price: USD 200-980/PC
- Packaging Details: Carton, 30\*15\*15cm
- Delivery Time: 10-15 working days
- Stock: 1PC
- Payment Terms: T/T, Western Union, MoneyGram, Paypal



#### Product Specification

- Weight: 1.8kg
- Voltage: DC 24V
- Alarm Type: Vibration Alarm With Light, Sound
- Signal Output: 4 To 20mA
- Explosion-Proof Grade: Exd ict6
- Gas: O2, CO, CO2, LEL, H2S, Etc
- Operating Temperature: -20 ~+50
- Warranty: 1 Year
- Highlight: Industrial Gas Leak Detector, Fixed Gas Leak Detector, 18ma Output Natural Gas Leak Detector



#### More Images



## Product Description

### Fixed Industrial Toxic And Flammable Gas Leak Detector 4-20ma Output

#### Product Description

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.

#### 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.

#### Key Features

- 1) Digital and analog outputs
- 2) LED light status indicator for alarm conditions
- 3) The relay can trigger alarms or process controls
- 4) Three models available measure toxic gases, VOCs, or combustibles
- 5) Explosion-proof enclosure
- 6) CERTIFICATIONS:UL, CE, CMC, Ex, MA (SAFETY CERTIFICATE OF APPROVAL FOR COAL MINING PRODUCTS IN CHINA



Item:	K800 Fixed gas detector
Sensor Cell:	UK sensors (brand CITY, Alphasense, Dynament etc.), US (brand Honeywell), 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; EX (Exd II CT6 Gb;Ex tD A21IP66T80°C); SIL(SIL2); UL 508 UL1203
Explosion-proof Grade:	Exd II CT6
Protection Grade:	IP65

### Common Used Gas Detection List

No.	Detection gas	Range	Accuracy	90% response time	Min readout	Low/high alarm
1	PH <sub>3</sub>	0-5ppm	±5%(F.S)	≤25s	0.01ppm	0.3ppm/5ppm
2	O <sub>2</sub>	0-30%vol	±5%(F.S)	≤15s	0.1%vol	18%vol/23%vol
3	EX(LEL/CH <sub>4</sub> )	0-100%lel	±5%(F.S)	≤15s	1%lel	25%lel/50%lel
4	CO	0-2000 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	NO <sub>2</sub>	0-20 ppm	±5%(F.S)	≤25s	0.1 ppm	3ppm/10ppm
7	NO	0-250 ppm	±5%(F.S)	≤60s	1 ppm	25ppm/50 ppm
8	SO <sub>2</sub>	0-100 ppm	±5%(F.S)	≤30s	0.1 ppm	2 ppm /10 ppm
9	CL <sub>2</sub>	0-20 ppm	±5%(F.S)	≤30s	0.1 ppm	1 ppm /10 ppm
10	NH <sub>3</sub>	0-200ppm	±5%(F.S)	≤50s	1 ppm	25 ppm /50 ppm
11	H <sub>2</sub>	0-1000 ppm	±5%(F.S)	≤60s	1 ppm	50 ppm /100 ppm
12	HCN	0-50ppm	±5%(F.S)	≤200s	0.1ppm	10ppm/20ppm
13	HCL	0-20ppm	±5%(F.S)	≤60s	0.1ppm	5ppm/10ppm
14	CH <sub>4</sub> (IR)	0-5%vol	±5%(F.S)	≤60s	0.01%vol	customized
15	CO <sub>2</sub> (IR)	0-5%vol (0-5000ppm)	±5%(F.S)	≤60s	0.1%vol (1ppm)	customized
16	PID(VOCs)	1-1999ppm	±5%(F.S)	≤20	0.1ppm	customized
17	C <sub>3</sub> H <sub>8</sub>	0-5%vol	±5%(F.S)	≤60s	0.01%vol	customized
18	O <sub>3</sub>	0-10ppm	±5%(F.S)	≤30s	0.02ppm	1ppm/2ppm

### » 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.



## » 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.



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



+86 25 8719 3262



manager@njklsk.cn



multi-gasdetection.com

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