



## Ammonia Fixed Gas Detector 0-1000ppm

Our Product Introduction

### Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: KELISAIKE
- Model Number: K800
- Minimum Order Quantity: 1



### Product Specification

- Customized Support: OEM, ODM, OBM
- Warranty: 1 YEAR
- Product Name: K800 Fixed Gas Detector
- Detection Of Gas: Combustible And Toxic Gases
- Output Signals: 4-20mA/RS485
- Nominal Voltage: DC 24V Gas Leak Detector
- Alarm System: Vibration Alarm With Sound And Light
- Explosion-proof Grade: Ex D IIC T6
- Size: 183\*143\*107mm
- Service Life: 2-5 Years Fixed Gas Detector
- Weight: 1.6kg
- Display: LCD Display
- Highlight: **Ammonia fixed gas detector 0-1000ppm,  
Fixed gas detector for ammonia,  
Ammonia gas detector with warranty**



### More Images



#### K800 GAS DETECTOR



PH3 , O2 , EX(LEL/CH4) , CO , H2S , NO2  
NO , SO2 , CL2 , NH3 , H2 , HCN , HCL ,  
CH4(IR) , C3H8 , O3 , CO2(IR) , PID(VOCs)



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## Ammonia Fixed Gas Detector 0-1000ppm

### Product Description

K800 series fixed device with 2 or 3 or 4 wire, 4-20mA and RS485 MODBUS output provides continuous detection and monitoring of gases for a wide range of industrial environments.

K800 series gas detector adopts advanced catalytic gas sensor or electrochemical sensor, which can translate the gas concentration in the air to the digital signal output.

# K800 GAS DETECTOR



K800-N



K800-D

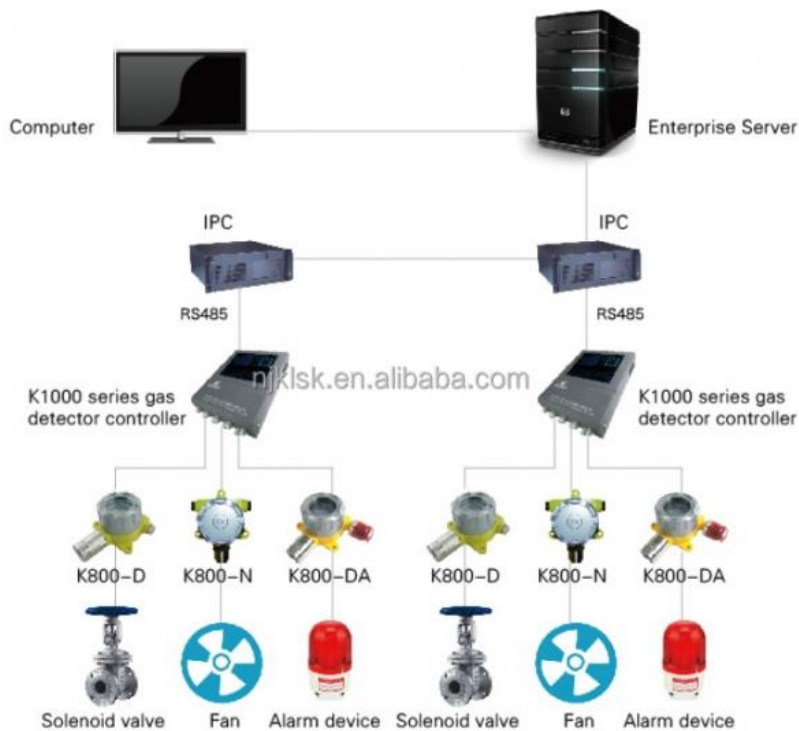


K800-DA

PH3 , O2 , EX(LEL/CH4) , CO , H2S , NO2  
NO , SO2 , CL2 , NH3 , H2 , HCN , HCL ,  
CH4(IR) , C3H8 , O3 , CO2(IR) , PID(VOCs)

### >>> Key Features

- 1) EX Proof: ATEX & CNEX
  - 2) Accuracy & Stability: Premium Gas sensors (including CITY, ALPHASENSE, HONEYWELL, DYNAMENT etc.), 100% calibration, 100%QC.
  - 3) Maintenance: Module design easy maintenance
  - 4) Warranty Service: 1year warranty & New replacement within 3 months
  - 5) OEM & ODM: 16-year experience in gas detection system, OEM&ODM services are welcome.
  - 6) CERTIFICATIONS: UL, CE, CMC, ATEX, CNEX, MA, SIL, ISO certifications.
  - 7) Network wireless (Optional): Blue tooth, 4G, NB, connect to the mobile APP and upload data.
- The online gas detector monitors gas leakage by natural diffusion. It can be directly connected with DCS systems or Central unit. With relay output, once the concentration exceeds the preset alarm point(threshold), it will start the acoustic-optical alarm on the central unit and drive the external equipment like exhaust fans.



### >>> Technical Specifications

Technical Specifications	
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
Operating Voltage:	24V DC
Display	4 digital LED readout display
Transmission Cable	Three core shield cable, 3×1.5mm
Ambient Temperature:	- 20 ° C ~ + 50 ° C
Relative Humidity:	15~90%RH(non condensation)
Working Pressure:	86~106Kpa
Detection Precision:	±5%FS
Explosion-proof Grade:	Exd II CT6
Protection Grade:	IP65
Response time	T90≤30S
Wiring	3-wire/4-wire
Body material	YL113 aluminum +304L S/S; M20*1.5
Suitable cable	RVVP3*1.5mm <sup>2</sup> cable
Relay output	1 relay output
Display	LCD display
Indicator light	with power, fault,alarm-1,alarm-2 indicator light
Operation method	remote control
Ingress protection	IP66
Operating temperature	-20 ~+60
Dimensions	140*141*91mm(H*W*D)
Weight	About 1.6kg
Operating humidity	10~95%RH non-condensing
Operating pressure	80-120kPa
<b>Certificates</b>	
	EN 61326-1:2013
EX	Exd IICT6 Gb Ex tD A21 IP66 T80°C
SIL	SIL2
	UL508 UL1203

### >>> Measurable Gas Meter

Gas Types	Detection range	Response Time	Resolution	Alarm Values
CO	0-25%vol/30%vol	T90≤20s	0.1%vol	18.0%vol/23.0%vol
H <sub>2</sub> S	0-100%LEL	T90≤30s	1%LEL	25.0%LEL/50.0%LEL
SO <sub>2</sub>	0-1000 ppm/2000ppm	T90≤30s	1 ppm	50ppm/100ppm
Cl <sub>2</sub>	0-200 ppm	T90≤30s	0.1 ppm	10ppm/20ppm
NH <sub>3</sub>	0-200ppm	T90≤30s	0.1 ppm	2 ppm /10 ppm
NO <sub>2</sub>	0-20 ppm	T90≤30s	0.1 ppm	1 ppm /10 ppm
NO	0-100ppm/2000ppm	T90≤50s	1 ppm	25 ppm /50 ppm
O <sub>3</sub>	0-200ppm	T90≤25s	0.1 ppm	3 ppm /10 ppm
PH <sub>3</sub>	0-1000 ppm	T90≤50s	1 ppm	25 ppm /50 ppm
H <sub>2</sub>	0-5ppm/20ppm	T90≤30s	0.1ppm	0.3ppm/5ppm
HF	0-10ppm	T90≤60s	0.1ppm	0.3ppm/5ppm
HCL	0-2000ppm/4%vol	T90≤50s	1 ppm	50ppm/100ppm
HCN	0-10ppm	T90≤50s	0.1ppm	3ppm /10ppm
CH <sub>4</sub> (IR)	0-30ppm/200ppm	T90≤50s	0.1 ppm	5ppm /10ppm
VOCs	0-200ppm	T90≤200s	0.1ppm	10 ppm /20 ppm
CO <sub>2</sub> (IR)	0-5.00%vol	T90≤60s	0.01%vol	1.00%vol/2.00%vol
C <sub>3</sub> H <sub>8</sub> (IR)	0-1999ppm	T90≤20s	0.1ppm	1000ppm/1500ppm
CO	0-5.00%vol (0-1%vol)	T90≤60s	0.01%vol (0.001%vol)	1.00%vol/2.00%vol (customize)
H <sub>2</sub> S	0-5.00%vol	T90≤60s	0.01%Vol	1.00%vol/2.00%vol

**Mark: other customized gas types are also available.**

## 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
- **OEM/ ODM/ OEM Service:** with over 14 years experience, specializing in gas detectors.



**Product Catalogue**



**K60**  
KE0



**K60-V**  
KE0-X



**K500**  
KE00



**K1000**  
KE1000



**KF200**  
KE300



**KF300**  
KE300

**Company Information**

# ABOUT US

Nanjing KELISAIKE company is one of the largest safety equipment manufacturers, possessing the most complete production range and specifications in the safety equipment industry of mainland China. Nanjing KELISAIKE was founded in 2004, including three subsidiaries in Beijing, Xi'an and Xinjiang, and more than 30 domestic sales service centers, with total registered capital CNY 10.16 million. Standard products and services cover the portable gas detector, fixed gas transmitter, wall-mounted gas detector, gas detector control unit, air breathing apparatus, online gas emission monitoring systems etc.



## THE EXHIBITION

We often participate in exhibitions at home and abroad, harvest a lot of friends, and have been confirmed by many partners.



FAQ

Q1: Are you a trading company or manufacturer ?

A1: We are manufacturer.

Q2: What about the payment method?

A2: T/T, Paypal, Western Union, L/C is available

Q3: Does your company accept customization?

A3: We do customizing service for customers.

Q4: What about the Shipment?

A4: We'll choose proper transportation mode based on the weight of goods, usually arrange shipment by air express such as DHL, FEDEX, TNT or UPS.

Q5: What about after-sale service?

A5: 12 months warranty for all kinds of products.


Contact us



**Hailie**



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