



## CO Fixed Gas Detector with 4-20mA Output for Industrial Use

Our Product Introduction

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### Basic Information

- Place of Origin: Nanjing, China
- Brand Name: Kelisaike
- Certification: CE
- Model Number: K500
- Minimum Order Quantity: 1PC
- Price: USD 260-580/PC
- Packaging Details: Carton, 35\*20\*15cm
- Delivery Time: 15-20 working days
- Stock: 1PC
- Payment Terms: T/T, Western Union, MoneyGram, Paypal



### Product Specification

- Specifications: 1.8kg
- Voltage: DC 24V
- Alarm Type: Vibration Alarm With Light, Sound
- Signal Output: 4 To 20mA
- Explosion-Proof Grade: Exd ict6
- Gas: O<sub>2</sub>, CO, CO<sub>2</sub>, LEL, H<sub>2</sub>S, Etc
- Operating Temperature: -20 ~ +50
- Detection Range: 0-2000ppm
- Low Alarm: 50ppm
- High Alarm: 100ppm
- Highlight: **4-20mA Output Fixed Gas Detector, Explosion Proof Wall Mounted Gas Detector, High Sensitivity Sensors Industrial Gas Detector**



### More Images



### K500 Series Fixed Explosion Proof Gas Detector

The K500 series wall-mounted gas detector features imported high sensitivity sensors and explosion-proof design for long service life. This detector operates as part of an integrated system with 4-20 mA analog output or as an independent unit, featuring two alarm levels with distinct audible and visual signals.



#### Key Features

- Imported high sensitivity sensors for accurate detection
- Bright red flashing visual alarm and 90 dB audible alarm
- Waterproof and dustproof design for harsh environments
- Compatible with Distributed Control System (DCS)
- Flameproof design compliant with IEC61508 standards
- Adjustable low and high alarm values
- 220 V AC or 24 V DC power supply options
- Certifications: CMC, Ex, MA (China coal mining safety approval)

#### Technical Specifications

Parameter	Specification
Power Supply	24 V DC or AC 220 V/50 Hz
Output Signal	4-20 mA standard industrial signal
Operating Temperature	-20°C to +50°C
Display	Backlight LED, 4-digit gas reading
Relative Humidity	15% to 90% RH (non-condensing)
Atmospheric Pressure	86 to 106 kPa
Explosion-proof Grade	Ex ibd IIC T6
Size	16 cm x 12.6 cm x 7.8 cm

Weight	3000 g
Distance	1000 m
Connecting Cable	3 core cable, 3 x 1.0 mm

### Commonly Detected Gases

Gas	Range	Accuracy	Response Time	Min Readout	Low/High Alarm
PH3	0-2000 ppm	±5% F.S.	≤25s	0.01 ppm	0.3/5 ppm
O2	0-30%	±5% F.S.	≤15s	0.1% vol	18.0%/23.0%
LPG	0-100% LEL	±5% F.S.	≤5s	1% LEL	25.0%/50.0% LEL
CO	0-1000 ppm	±5% F.S.	≤25s	1 ppm	50/100 ppm
H2S	0-100 ppm	±5% F.S.	≤30s	1 ppm	10/20 ppm
CH4	0-100% LEL	±5% F.S.	≤5s	1% LEL	25.0%/50.0% LEL
NH3	0-100 ppm	±5% F.S.	≤50s	1 ppm	25/50 ppm
O3	0-20 ppm	±5% F.S.	≤60s	0.01 ppm	0.2/0.4 ppm
Cl2	0-20 ppm	±5% F.S.	≤30s	0.1 ppm	1/10 ppm
H2	0-1000 ppm	±5% F.S.	≤60s	1 ppm	50/100 ppm
SO2	0-100 ppm	±5% F.S.	≤30s	0.1 ppm	2/10 ppm
NO	0-250 ppm	±5% F.S.	≤60s	1 ppm	25/50 ppm
NO2	0-20 ppm	±5% F.S.	≤25s	0.1 ppm	3/10 ppm
Infrared CO2	0-5% vol	±5% F.S.	≤60s	0.1% vol	1%/2% vol
Infrared CH4	0-5% vol	±5% F.S.	≤60s	0.1% vol	0.1%/0.15% vol
Infrared C3H8	0-5% vol	±5% F.S.	≤60s	0.1% vol	0.1%/0.15% vol



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 Certificates



We have obtained **CE, ISO** and other international certificates for different market requirements.

### Our Service

- 1-year warranty with lifelong maintenance
- 24-hour response to all inquiries
- Technical support from experienced engineers
- OEM and ODM services available
- Factory located in Nanjing - visits welcome
- Full quality check and qualification certificate with every shipment

### Calibration Services

For calibration of KELISAIKE products, please contact our technical support team for assistance.

### Why Choose KELISAIKE?

- Direct manufacturer pricing with favorable rates
- Professional engineering team with over 10 years experience
- Strong R&D team for custom product development
- Free OEM services including logo printing and custom packaging
- Mixed orders and small quantity orders accepted
- Comprehensive after-sales service with 1-year warranty

### Frequently Asked Questions

#### Q: Are you a manufacturer?

A: Yes, we are professional safety equipment manufacturers with over 12 years of experience in production and marketing.

#### Q: Do you provide customization?

A: Absolutely. We customize gas type, detection range, alarm points, and other specifications. Contact us with your requirements.

#### Q: Can I order a sample for quality testing?

A: Yes, we recommend testing samples before placing larger orders.

#### Q: What pricing is available for large quantity orders?

A: Please provide detailed requirements including item numbers, quantities, quality specifications, and delivery terms for an accurate quotation.



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