



## 1.8kg Fixed Gas Leak Detector For LPG Gas Monitoring 20Ma Output

### Our Product Introduction

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

#### Basic Information

- Minimum Order Quantity: 1PC
- Stock: 1PC



#### Product Specification

- Model NO.: K500
- Voltage: DC 24V
- Operating Temperature: -20 Degree ~ +55 Degree
- Signal Output: 4 To 20mA
- Explosion-Proof Grade: Exd ict6
- Certificate: Ce
- Warranty: 1 Year
- Detection Range: 0-100%Lel
- Low Alarm: 25%Lel
- High Alarm: 50%Lel
- Outer Case Material: Aluminium Alloy And Stainless Steel
- Transport Package: Carton
- Specification: 1.8kg
- Trademark: KELISAIKE Or OEM
- Origin: Nanjing, China



#### More Images



## Product Description

### Fixed Gas Leak Detector with 4-20 mA Output for LPG Gas Monitoring

The K500 series wall-mounted gas detector, made with imported high sensitivity sensors and an explosion-proof design, has a long service life. This wall mounted gas detector works as part of an integrated system (with 4-20 mA analogue output) or only as an independent system. It has two alarm levels (high level & low level), with different audible and visual alarm signals.



#### Key Features

Imported world famous high sensitivity sensors

On-spot bright red flashing visual alarm and loud 90 dB audible alarm

Waterproof and dustproof design for normal and continuous working in harsh environments

Compatible with DCS (Distributed Control System)

Flameproof design according to IEC61508, easy to install and maintain

Adjustable alarm values, with low and high alarm levels

220 V AC or 24 V DC power supply, 4-20 mA analogue output, three core shield cable, DCS system

CERTIFICATIONS: CMC, Ex, MA (SAFETY CERTIFICATE OF APPROVAL FOR COAL MINING PRODUCTS IN CHINA).

#### >>>Technical Specifications:

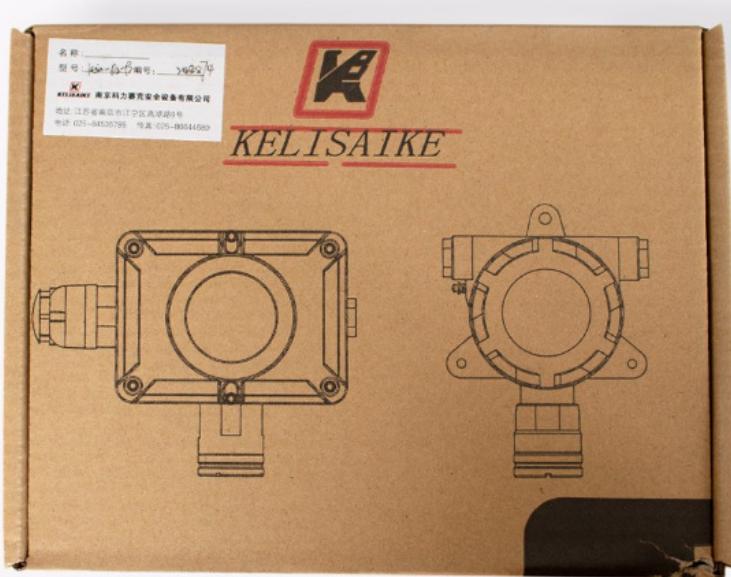
Power supply	24 V DC or AC 220 V/50 Hz
Output signal	4-20 mA standard industrial signal output
Operating temperature	-20°C~+50°C
Display	Backlight LED
Backlight LED display	4-digit gas reading
Relative humidity	15%~90% RH (non-condensing)
Atmospheric pressure	86 ~ 106 Kpa
Explosion-proof grade	Exibd IIC T6
Size	16cm x 12.6cm x 7.8cm
Weight	3000 g
Distance	1000m
Connecting cable	3 core cable, 3 x1.0mm

#### LIST OF COMMONLY DETECTED GASES

No.	Detection gas	Range	Accuracy	90% response time	Min readout	Low/high alarm
1	PH <sub>3</sub>	0-5-2000ppm	±5%(F.S)	≤25s	0.01ppm	0.3/5ppm
2	O <sub>2</sub>	0-30%	±5%	(F.S) ≤15s	0.1%vol	18.0%/23.0%
3	LPG(LEL gas)	0-100%LEL	±5%	(F.S) ≤5s	1%LEL	25.0%/50.0%LEL

4	CO	0-1000 ppm	$\pm 5\%$ (F.S) $\leq 25s$	1 ppm	50ppm/100ppm
5	H <sub>2</sub> S	0-100 ppm	$\pm 5\%$ (F.S) $\leq 30s$	1 ppm	10ppm/20ppm
6	CH <sub>4</sub>	0-100%LEL	$\pm 5\%$ (F.S) $\leq 5s$	1%LEL	25.0%/50.0%LEL
7	NH <sub>3</sub>	0-100ppm	$\pm 5\%$ (F.S) $\leq 50s$	1 ppm	25 ppm /50 ppm
8	O <sub>3</sub>	0-20ppm	$\pm 5\%$ (F.S) $\leq 60s$	0.01ppm	0.2ppm/0.4ppm
9	Cl <sub>2</sub>	0-20 ppm	$\pm 5\%$ (F.S) $\leq 30s$	0.1 ppm	1 ppm /10 ppm
10	H <sub>2</sub>	0-1000 ppm	$\pm 5\%$ (F.S) $\leq 60s$	1 ppm	50 ppm /100 ppm
11	SO <sub>2</sub>	0-100 ppm	$\pm 5\%$ (F.S) $\leq 30s$	0.1 ppm	2 ppm /10 ppm
12	NO	0-250 ppm	$\pm 5\%$ (F.S) $\leq 60s$	1 ppm	25ppm/50 ppm
13	NO <sub>2</sub>	0-20 ppm	$\pm 5\%$ (F.S) $\leq 25s$	0.1 ppm	3ppm/10ppm
14	Infrared CO <sub>2</sub>	0-5%vol	$\pm 5\%$ (F.S) $\leq 60s$	0.1%vol	1%vol/2%vol
15	Infrared CH <sub>4</sub>	0-5%vol	$\pm 5\%$ (F.S) $\leq 60s$	0.1%vol	0.1%vol/0.15%vol
16	Infrared C <sub>3</sub> H <sub>8</sub>	0-5%vol	$\pm 5\%$ (F.S) $\leq 60s$	0.1%vol	0.1%vol/0.15%vol

**Packing:**



**Our Service:**

1. For all our products, we offer a 1 year warranty and life-long maintenance.
2. All inquiries will be replied in 24 hours.
3. We will provide technical support; our engineers will help to solve the problems you met.
4. We can provide OEM and ODM service.
5. Our factory is located in Nanjing city, welcome to visit our factory.
6. All products will be fully checked and well packed before shipment, and qualification certificate will be provided.

**>>>Calibration:**

For the calibration of KELISAIKE products, please feel free to contact us for help.

**>>>Why should you choose KELISAIKE?**

1. Mutual benefits: We are a manufacturer, so we can offer products of the same quality at the best prices.
2. Professional engineers: We have seasoned engineers with over 10 years' experience in the gas detection field. With various hi-tech equipment, we make products with higher accuracy and stability.
3. Customization: Thanks to our strong R&D team, we can customize our products at your request.
4. Free OEM service: a) Silk-print your Logo ( $\geq 100$  PCS). b) Design your colour box packing ( $\geq 200$  PCS).
5. Mixed order: We accept mixed orders, with different models and small quantity orders.
6. After service: (a) 1 Year warranty. (b) If you found any of our products of inferior-quality, we will send you new ones to replace them for free in the next order after verification.

**>>>FAQs:**

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

A: Yes, we recommend ordering a sample for a quality check before a large quantity order.

Q: May I have your catalogue and price list for trial order in MOQ quantity?

A: All our products are shown on [njklsk.en.made-in-china.com](http://njklsk.en.made-in-china.com); please have a detailed look and choose the interested models on the website. Or you can send email to us directly for more product information.



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