

SKZ1050B Online Methane (CH₄) Gas Detector



Application

1. Furniture, flooring, wallpaper, paint, gardening, interior decoration and renovation, dyes, paper, pharmaceutical, medical, food, corrosion
2. Disinfection, chemical fertilizers, resins, adhesives and pesticides, raw materials, samples, process and breeding plants, waste treatment plants, perm places
3. Biopharmaceutical production workshops, home environment, livestock breeding, greenhouse cultivation, storage and logistics, brewing fermentation, agricultural production

Function

1. Monitoring of the environment or the concentration of CH₄ pipeline and alarm
2. With temperature compensation, the compensation can achieve the perfect environment for different temperatures of gas concentration
3. Two sound and light alarm, alarm point can be set
4. Infrared remote control can be remotely achieved without opening the alarm set point, zero calibration, modify the address and other functions
5. One or two switches can output signals can be driven fan or external devices such as solenoid valves
6. Operating voltage :12-36V DC power supply
7. Shell material: Aluminum + Stainless Steel (alarm lights)

Feature

1. Imported from Germany CH₄ sensor
2. Standard three-wire 4-20mA signal output; relay output, RS485 output
3. The unique infrared remote control, operation and maintenance can be a non-contact
4. Compatible with various control alarms, PLC, DCS, remote monitoring,
5. Proof design, fast, reliable, stable; proof grade Ex dII CT6
6. Full software automatic calibration, zero calibration function, the gas monitoring is more accurate, more reliable
7. Software is available maximum connect with 128 probes

Specifications

Gas Detected	Methane (CH ₄)
Detection principle	Electrochemical principles/ Infrared principles
Sampling Method	Wall-mounted, pipeline, flow type
Measure Range	100%LEL /0-10%VOL, 0-50%VOL, 0-100%VOL
Resolution	1%LEL /0.01%VOL, 0.1%VOL
Precision	2% FS
Signal Output	4-20mA signal output; relay output, RS485 output (optional)
Response Time	≤ 10S
Repeatability	≤ ± 1%
Zero shift	≤ ± 1% (F.S / Year)
Operating language	Support in English
Temperature	-40 °C ~ 70 °C
Explosion-Proof	Ex d II CT6
Alarm mode	Sound, light
Dimensions	180×150×90mm
Recovery Time	≤ 10S
Linearity error	≤ ± 1%
Display	LED
Gas unit	PPM
Humidity	0-95% RH
Degree of protection	IP65
Weight(net/gross)	1.6KG