

FIXED GAS DETECTOR

เครื่องวัดแก๊ส แบบติดตั้ง

MODEL : BS03



DESCRIPTION:

BS03 fixed gas detector, adopting high-quality catalytic gas sensor and SMD arts and crafts, has advantages of good reproducibility, disturbing-proof against temperature and humidity, long life-span and easy operation.

APPLICATIONS:

BS03 fixed gas detector can used to detect all kinds of combustible gases, and toxic gases like CO, H₂S, SO₂, NO₂ etc.

FEATURES:

- LED display
- 4-20mA or RS485 signal output optional
- IP65 rating
- Sensor type: Catalytic, electrochemical or NDIR gas sensor
- Gas sampling: Natural diffusion
- Power supply: DC24V±25%
- Power consumption: ≤3W
- Working method: Continuous monitoring
- Accuracy: ≤±5%F.S.
- Indication method: 4-digit LED light
- Condition display: 3 LED lights indicate fault alarm, L-alarm level alarm and H-alarm level
- Operation: Infrared remote control
- Response time: ≤30s (LEL) / ≤60s (toxic gas)
- Working temperature: -40°C~70°C (LEL) / -20°C~50°C (toxic)
- Working humidity: <95%RH
- Explosion-proof: Ex d II CT6
- Protection: IP65
- Pressure Limit: 86-106kPa
- Signal output: 4~20mA or RS485, 2 relay output
- Install screw thread: G3/4"
- Cable dimension: ≥1.5mm2×3
- Transmission distance: ≤1000m
- Dimensions: l×b×h, 210×200×105mm
- Weight: about 2100g



Model	Technical data			
	Detection range	Distinguishing rate	First level alarm	Second level alarm
BS03-LEL	(0~100)%LEL	1%LEL	20%LEL	50%LEL
BS03-LEL VAPOR	(0~100)%LEL	1%LEL	20%LEL	50%LEL
BS03-NH ₃	(0~100)ppm	1ppm	25ppm	50ppm
BS03-O ₂	(0~30%)vol	0.1%vol	19.5%vol	23.5%vol
BS03-CO	(0~1000)ppm	2ppm	35ppm	200ppm
BS03-CO ₂	(0~6000)ppm	1ppm	1500ppm	2000ppm
BS03-H ₂ S	(0~100)ppm	1ppm	10ppm	15ppm
BS03-H ₂	(0~1000)ppm	1ppm	35ppm	250ppm
BS03-NO	(0~1000)ppm	1ppm	25ppm	50ppm
BS03-Cl ₂	(0~20)ppm	0.1ppm	5ppm	10ppm
BS03-ClO ₂	(0~10)ppm	0.1ppm	0.5ppm	1.5ppm
BS03-HCN	(0~100)ppm	1ppm	5ppm	10ppm
BS03-C ₂ H ₄ O	(0~100)ppm	1ppm	5ppm	10ppm
BS03-SO ₂	(0~500)ppm	1ppm	10ppm	50ppm