Fixed gas detectors - 24 hour monitoring

GTQ-BS03 Fixed Gas Detector

GTQ-BS03 fixed gas detector is designed for industrial and commercial use. By adopting high-performance gas sensor and MCU technology, combined with sophisticated SMT manufacturing process, this detector has good repeatability, high accuracy and long lifespan.



IECEx

IR Remote

FEATURES

- 4-20mA analog output or RS485 Power BUS digital output
- 3 relay outputs (2 free contact, 1 active relay)
- High measurement accuracy, stable performance and long service life
- High-performance LCD screen display
- Non-contact operation by infrared remote control
- Smart sensor module, free of calibration, easy to maintain

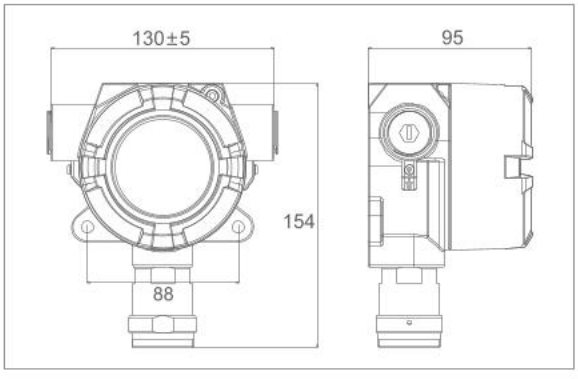
APPLICATION

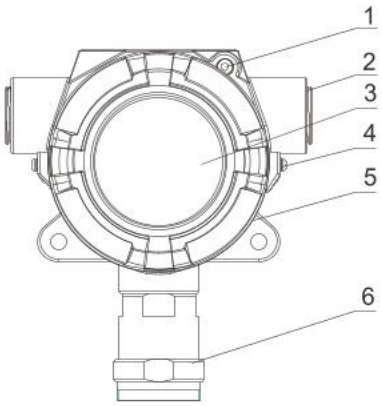
This detector is widely used in gas detection in petroleum and petrochemical industries, refineries, chemical plants, metallurgical industries, power industries, and other places that may produce harmful gases to the human body.

ADVANTAGES

IP67 | Smart sensor | Anti-reverse | Fast response | Color backlight | Low consumption | High accuracy | Strong scalability

DIMENSION DRAWING





1	Tightening screw
2	Plug
3	Upper cover
4	GROUND screw
5	Fixing hole
6	Sensor module

SPECIFICATIONS

Measuring gas	Combustible gas, toxic gas	Operating temperature	LEL: -40~60℃ Toxic: -20~50℃
Sample method	Diffuse naturally	Humidity	≤95%RH (no condensation)
Power	DC24V±6V, ≤2.5W	Ambient pressure	86KPa~106KPa
Response time	LEL: T90≤15s Toxic gas: T90≤30s	Ex grade	II 2G Ex db IIC T6/T5 Gb II 2D Ex tb IIIC T80℃/T95℃ Db
Electrical output	4-20mA or RS485 Power BUS	Ingress protection	IP66/67
Relays	2 free contact, 1 active relay	Enclosure material	Aluminum alloy / stainless steel
Operation by	IR remote control	Cable entry	NPT3/4 (adapter for other size)
State indication	Yellow--Fault, Red--Alarm, Green--Power	Dimensions & weight	130*154*95mm, about 1.2kg/4.5kg