



Hanwei Group

Fixed Gas Detector

www.hwsensor.com

GTQ-BS01 Fixed Gas Detector

GTQ-BS01 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.

FEATURES

- High measurement accuracy, stable performance and long service life
- 4-20mA analog output or RS485 Power BUS digital output
- Non-contact operation by infrared remote control
- Smart sensor module, free of calibration, easy to maintenance

APPLICATION

This detector is widely used in petroleum, petrochemical, chemical production plant areas, petroleum and natural gas gathering and transportation, refueling/gas stations, municipal administration, metallurgy, electric power and other places where flammable gas exists.

ADVANTAGES



IP67



Smart sensor



Anti-reverse



Fast response



Color backlight



Low consumption



High accuracy



Strong scalability

SPECIFICATIONS

Measuring gas	Combustible gas	Humidity	≤95%RH (no condensation)
Sample method	Diffuse naturally	Ambient pressure	86KPa~106KPa
Power	DC24V±6V, ≤2.5W	Ex grade	Ex d IIC T6 Gb / Ex tD A21 IP67 T80°C
Response time	T90≤20s	Ingress protection	IP67
Electrical output	4-20mA or RS485 Power BUS	Enclosure material	Aluminium alloy
Relays	1 relay (free contact)	Cable entry	NPT3/4 (adapter for other size)
Operation by	IR remote control	Dimensions	130mm x 154mm x 83mm
State indication	Yellow--Fault, Red--Alarm, Green--Power	Weight	About 1.2kg
Operating temperature	-40 ~ 70°C		



IECEX



IR Remote



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