

Fixed Gas Detector

GTQ-WD2200 Fixed Gas Detector

GTQ-WD2200 fixed gas detector is designed for industrial 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 signal output, RS485-RTU digital upload
- HART output, support Hart handheld communicator for settings
- 3 relay outputs for 1st alarm, 2nd alarm and fault
- High-performance LCD screen display
- Non-contact operation by magnetic bar / infrared remote control
- Smart sensor module, free of calibration, easy to maintenance
- Bluetooth communication
- Remote upgrade function (optional)

APPLICATION

The detector is widely used in oil refineries and chemical plants in the petroleum and petrochemical industries, as well as industries where flammable gases may cause explosions such as metallurgy, electric power, gas, catering, and aquaculture.



IECEX



ADVANTAGES



IP67



Smart sensor



Anti-reverse



Fast response



Low consumption



High accuracy



Strong scalability

SPECIFICATIONS

Measuring gas	Combustible gas, toxic gas	Operating temperature	LEL: -40 ~ 70°C Toxic: -20 ~ 50°C
Sample method	Diffuse naturally	Humidity	≤95%RH (no condensation)
Power	DC24V±6V, ≤3.6W	Ambient pressure	86KPa~106KPa
Response time	LEL: T90≤15s Toxic gas: T90≤30s	Ex grade	Ex d IIC T6 Gb / Ex tD A21 IP67 T80°C
Electrical output	4-20mA, Hart, RS485-RTU	Ingress protection	IP67
Relays	For 1 st alarm, 2 nd alarm, Fault SPST contacts rated 3A 30Vdc or 3A 250Vac	Enclosure material	Aluminum alloy
		Cable entry	NPT3/4 (adapter for other size)
Operation by	Magnetic bar or IR remote control	Dimensions	130mm x 209mm x 116mm
State indication	Yellow--Fault, Red--Alarm, Green--Power	Weight	About 2.0kg



Hanwei

Gas List of Hanwei Gas Detectors

Gas	Range	GTQ-BS01	GTQ-BS02	GTQ-BS03	GTQ-WD2200	GTQ-WD6200
CH4	0-100%LEL	√	√	√	√	√
Isobutane	0-100%LEL	√	√	√	√	√
LEL	0-100%LEL	√	√	√	√	√
O2	0-25%VOL		√	√	√	√
CO	0-500ppm		√	√	√	√
H2S	0-100ppm		√	√	√	√
SO2	0-30ppm			√	√	√
NH3	0-100ppm			√	√	√
CL2	0-10ppm			√	√	√
H2	0-1000ppm			√	√	√
HF	0-10ppm			√	√	√
O3	0-5ppm			√	√	√
HCN	0-20ppm			√	√	√
COCl2	0-5ppm			√	√	√
ClO2	0-10ppm			√	√	√
NO2	0-20ppm			√	√	√