

MODEL: HA-GF-300 [Name: Magnetic Wireless Gas Detector]

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DETECT GASES:	CH4, methane, propane, and isobutane
MEASUREMENT RANGE:	3% LEL to 100% LEL
ACCURACY:	± 3% FS
RESPONSE TIME:	<30 seconds
BATTERY SPECIFICATIONS:	Lithium thionyl chloride battery 19000 mAh × 3 (parallel)
OUTPUT SIGNAL:	interval acquisition (configurable parameters), LoRa wireless data upload function
SAMPLING METHOD:	Free diffusion type
POWER CONSUMPTION:	DC3.6V, ≤ 3 W
SENSOR TYPE:	low-power infrared sensor/low-power catalytic sensor, lifespan of 5 years
ENVIRONMENTAL TEMPERATURE:	-25 °C~+55 °C
RELATIVE HUMIDITY:	<93%
ENVIRONMENTAL PRESSURE:	ranging from 86 kPa to 106 kPa
THE PRODUCT WEIGHS:	approximately 2.9 kg



FUNCTIONS FEATURES

- ✓ Accurate measurement with minimal zero drift
- ✓ Explosion proof design, suitable for use in hazardous areas 1 and 2 under factory conditions
- ✓ Battery powered, Lora transmission, no wiring, convenient magnetic installation
- ✓ The instrument can be wirelessly transmitted and uploaded to PLC/DCS
- ✓ Fail alarm, anti-theft, low battery alarm
- ✓ Two sets of switch signals
- ✓ Modular sensors make replacement more convenient
- ✓ Optional valve well module
- ✓ Continuous monitoring in confined spaces



DESCRIPTION

This detector is an advanced instrument produced by our company for detecting the concentration of combustible gas. Using high-performance gas sensor and microcomputer technology, combined with excellent low-power technology design, with power saving, intuitive display, good repeatability long service life, easy installation, easy maintenance, easy operation and other advantages. The gas detector uses battery power and can communicate wirelessly through LoRa to upload the gas concentration information, abnormal type and other information to the control host in the way of timing or event (alarm).

Multi-function at a glance



CHEMICAL PLANT



STORAGE



GAS



BREW



FOOD MANUFACTURER



LABORATORY



OIL



COAL MINE

MODEL: HA-GF-300

Name:
Magnetic Wireless Gas Detector

Protection level:
IP68

Safety Integrity Level:
SIL2

Explosion-proof mark:
Exd IIC T4 Gb

Configurable gases

CO, CO2, H2S, O2, NH3, SO2, etc.



Sensor types

catalytic, electrochemical,
infrared, PID, etc.



The equipment is manufactured using high-performance detection components and computer micro-control technology, combined with advanced fully automatic mounting technology.

PRODUCTDETAILS DISPLAY

- High-performance sensor
- Simple installation
- LCD
- Two-level alarm

