



OPTIONAL

AG210 SERIES GAS DETECTOR

AG210 series including model AG210, AG211, GTQ-Anr-A, GTQ-Anr-D. These gas detectors are a classic product of AIYI Technologies, which is suitable for most areas where it is necessary to detect flammable gas, oxygen, and toxic gas. The product responds quickly with an advanced gas sensor; ingress protection to IP66.

Features

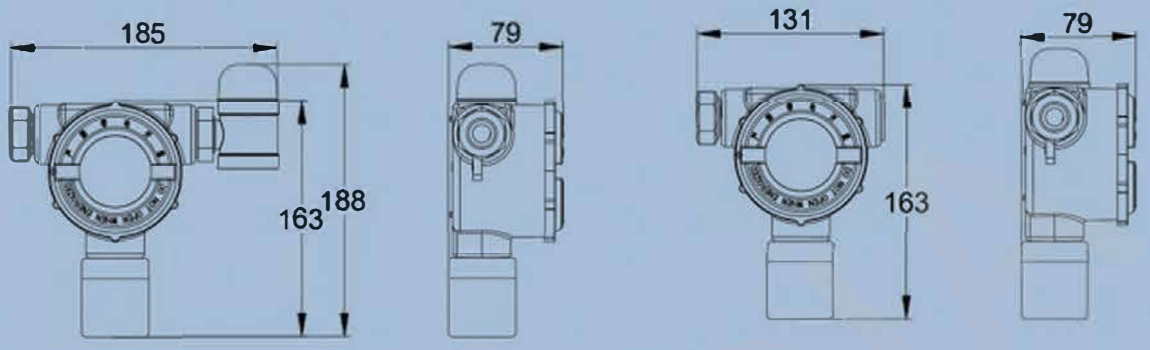
- High-performance sensors, faster response, safer and more reliable.
- IP66 design with body material in stainless steel and aluminum alloy, suitable for harsh environments.
- Modular design, cmaintenance is simple and convenient.
- LCD display, with LED indicators.
- Built-in 3 relay output and compatible with optional sound-light alarm
- Full English menu, remote control operation.
- With surge protector, optional sensor guard is suitable for harsh environments.
- Complete product certification (ATEX, SIL2, CNEX, CCCF, etc.)

Specification

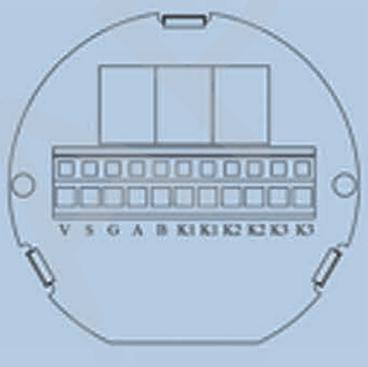
Description	Specifications	GTQ-Anr-A	GTQ-Anr-D
Gas Detected			
Ex	catalytic combustion	●	●
toxic	ECD,IR,PID,semiconductor	-	-
Function			
measure range	0-100%LEL	●	●
response time*	T90≤30S	●	●
accuracy*	≤±3%F.S	●	●
repeatability*	≤3%F.S	●	●
Electric			
power supply	18-28VDC(standard 24VDC)	●	●
power consumption	≤3.5W	●	●
signal output	4-20mA	●	-
	RS485	-	●
wiring	three-wire	●	-
	four-wire	-	●
suitable cable	RVVP3*1.5mm^2	●	-
	RVVP4*1.0mm^2	-	●
relay output	3 passive relays (250VAC/5A 30VDC/5A)	●	●
Display & Operation			
display	LCD display	●	●
indicator light	power,fault,alarm-1,alarm-2	●	●
operation method	remote control	●	●
Environment			
ingress protection	IP66	●	●
operating temp.	-40℃～70℃	●	●
operating humidity	10%～95%RH non-condensing	●	●
operating pressure	80-120kPa	●	●
Structure			
body material	Aluminum Alloy	●	●
close nipple	NPT1/2	●	●
weight	about 1.45kg	●	●
dimensions	163*131*79mm(H*W*D)	●	●
Certificates			
ATEX	Ex db ib IIC T6 Gb Ex ib tb IIIC T80℃ Db	●	●
SIL	SIL2	●	●
CPA	2013C293-32	●	●
CNEX	Ex db ib IICT6 Gb	●	●

Note:* refers to there's some difference vary from different gas, please contact the manufacturer for details.

Dimension



Wiring



Terminals	Description
V	24V +
S	4-20mA signal output
G	24V -
A B	RS485 signal output
K1	relay output for alarm-1
K2	relay output for alarm-2
K3	relay output for fault

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