



**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, maintenance 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.)

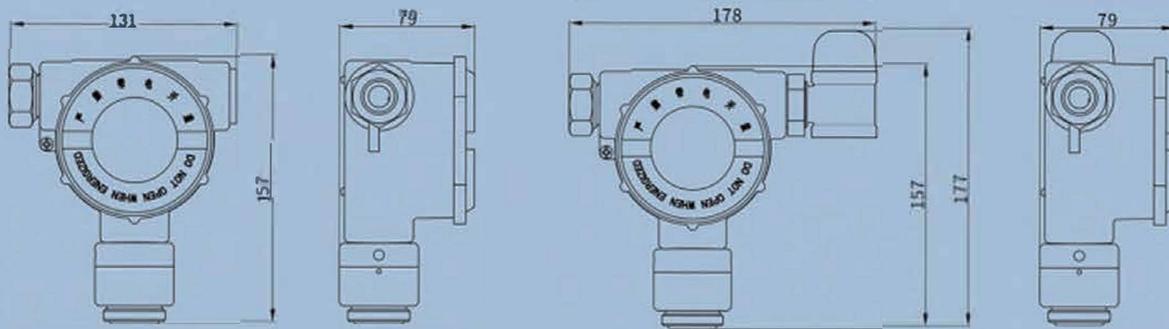


## Specifications

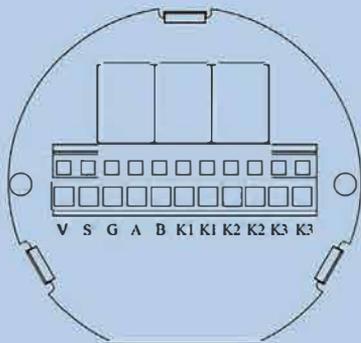
Description	Specifications	AG210	AG211
<b>Gas Detected</b>			
Ex	catalytic combustion	-	-
toxic	electrochemical,IR,PID,semiconduc	●	●
<b>Function</b>			
measure range	see QUICK-SELECTION-TABLE	●	●
response time*	T90≤60S/180S	●	●
accuracy*	≤±5%F.S	●	●
repeatability*	≤2%F.S	●	●
<b>Electric</b>			
power supply	18-28VDC(standard 24VDC)	●	●
power consumption	≤2W	●	●
signal output	4-20mA RS485	● -	- ●
wiring	three-wire four-wire	● -	- ●
suitable cable	RVVP3*1.5mm <sup>2</sup> RVVP4*1.0mm <sup>2</sup>	● -	- ●
relay output	3 passive relays	●	●
<b>Display &amp; Operation</b>			
display	LCD display	●	●
indicator light	power,fault,alarm-1,alarm-2	●	●
operation method	remote control	●	●
<b>Environment</b>			
ingress protection	IP66	●	●
operating temp.	-20℃~60℃	●	●
operating humidity	10%~95%RH non-condensing	●	●
operating pressure	80-120kPa	●	●
<b>Structure</b>			
body material	Aluminum Alloy	●	●
close nipple	NPT1/2	●	●
weight	about 1.45kg	●	●
dimensions	157*131*79mm(H*W*D)	●	●
<b>Certificates</b>			
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.

## Dimensions



## 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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