



GS221 ADDRESSABLE METAN/BUTAN GAS DEDECTOR

GS221 addressable gas detector is designed to work with the AP204 control panel, to detect gas leaks, to generate an alarm and to transmit this information to the control panel. It can detect all kinds of flammable and combustible gases. The device detects gases such as Natural gas (methane), bottled gas (propane), LPG (Liquefied petroleum gas), CNG (natural gas).

When a gas leakage is detected, analog data is transmitted to the control panel over a communication line. Thanks to the relay output on it, it can be operated independent of the panel with only 24V supply. When GS221 detects while operating independent of the panel, the relay output active on it. In this way, a desired device (such as a gas valve) can be controlled. GS221 Gas detector is addressed by RB1201 Address programmer and this address information is stored in its permanent memory.



TECHNICAL SPECIFICATIONS

Loop Operating Voltage	: 17 - 28 VDC
Loop Operating Current	: $150\mu\text{A}$ @ 24 VDC (average with led blink)
Maximum Alarm Current	: 7 mA @ 24 VDC (included led blink)
Operating Voltage	: 12 to 30 VDC
Operating Current	: 80mA @ 24VDC
Ready Time	: max 2 min.

ENVIRONMENTAL SPECIFICATIONS

Humidity	: 10% to 93% (Relative Humidity , Non-condensing)
Operating Temperature	: -10°C to 55°C
Sensor Life	: 5 Years
Coverage Area	: max 50 m ³

MEKANİK ÖZELLİKLERİ

Width	: 70 mm
Height	: 100 mm
Depth	: 42 mm
Weight	: 150 grams

GENERAL FEATURES

- Durable and aesthetic ABS plastic case
- Microprocessor based design
- Light path indicator
- Test button
- NO / NC Relay output
- Programmable with RB1201 address programmer
- Programmable address information in permanent memory
- Independent operation from the control panel
- EN 50194-1 standard

