

# NB920

## Gas Alarm (AC/DC Natural Gas, Propane Gas)



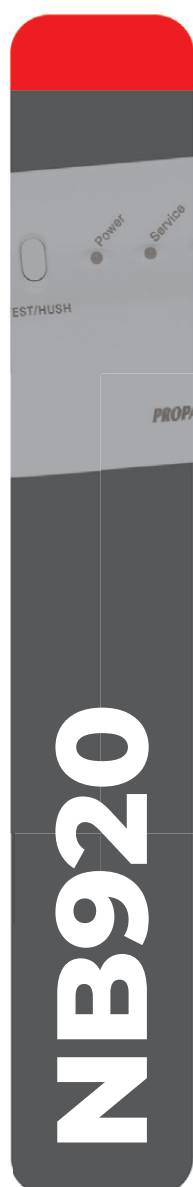
**NB920 AC/DC gas alarms** are mains powered inflammable gas detectors that can be powered directly from the mains supply or from a DC 12/24 V supply (such as a security system). Advanced electronics in conjunction with a semiconductor gas sensor provide early detection of natural gas or propane gas and high immunity against unwanted alarms.

### Key Features

- Advanced algorithms provide advanced detection discrimination
- Natural gas or propane gas detection models available
- Attractive housing design
- Japan-made highly reliable stable gas sensor. No adjustment or replacement required
- High immunity against unwanted alarms
- Loud 85 dB internal alarm sounder
- Dual function action button to temporarily silence unwanted alarms (Hush), and to verify alarm operation (Test)
- Separate indicators for Power, Alarm and Service
- AC mains operating models available
- DC 12/24 V models available
- Low power consumption
- N/C or N/O alarm relay output models available
- Interconnection function available on some models to connect up to 11 units together
- Easy installation. No programming required

### TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE OPTIONS	DC (12 ~ 28) V AC110V / AC220V, 50/60 Hz
POWER CONSUMPTION	4W
SENSING CELL	Semiconductor
ALARM RESPONSE THRESHOLD	(0.10 ±0.03) LEL
SOUNDER OUTPUT	≥ 85 dB @ 3 m
ALARM RELAY	SPST. N/O or N/C. 1.0 A @ DC 30 V / 0.5 A @ AC 125 V
NUMBER OF INTERCONNECTED UNITS	11
POWER AVAILABLE INDICATOR	Green
ALARM VISUAL INDICATOR	Red
SERVICE REQUIRED VISUAL INDICATOR	Yellow
OPERATING TEMPERATURE	0 °C ~ +40 °C
OPERATING HUMIDITY	0% - 95 % RH, non-condensing
DIMENSIONS (h x w x d)	(80 x 156 x 51)mm



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ORDER CODE	Propane Gas Detection	Natural Gas Detection	DC 12/24 V Operating Voltage	Mains Operating Voltage	Alarm Relay Output	Interconnect
NB920DL	✓		✓			
NB920DLR	✓		✓		✓	
NB920DLI	✓		✓			✓
NB920DN		✓	✓			
NB920DNR		✓	✓		✓	
NB920DNI		✓	✓			✓
NB920AL	✓			✓		
NB920ALR	✓			✓	✓	
NB920ALI	✓			✓		✓
NB920AN		✓		✓		
NB920ANR		✓		✓	✓	
NB920ANI		✓		✓		✓