



# STAND-ALONE DETECTORS NB-920 - GAS DETECTOR

The NB-920 Stand-alone Gas detector series were designed to meet both UL 1484 and EN 50194 standards. The core component is the famous Japanese Figaro gas sensor. AC power input only, ranges from 100 V to 240V. The state-of-the-art microprocessor design of NB-920 ensures a continuous and precise monitoring of flammable gas.

## The Range Includes

- NB 920-L Stand alone Propane Gas detectors
- NB 920-N Stand alone Natural Gas detectors

## Product Features

- FIGARO semiconductor sensor heads used for accurate flammable gas detection
- Using microprocessor for circuit control and gas monitoring to assure performance stability and reliability
- NB-920-N detects methane gas, NB-920-L detects propane gas in a continuous manner
- SMT circuit board design with FR4 double sides PCB - satisfactory quality and reliability guaranteed
- Test button verifies alarm operation any time
- Sounding a loud alarm signal of exceeding 85 dB
- Easy installation and maintenance
- Complying the UL-1484 standard and EN50194
- No battery is required for circuit control
- Ergonomic design of detector casing



Meets  
EN 50291  
UL 1484 Standards

## Model Description

Model	Semiconductor Sensor	Relay Output	Interconnection Function
NB 920 L	●	-	-
NB 920 LR	●	●	-
NB 920 LI	●	-	●
NB 920 N	●	-	-
NB 920-NR	●	●	-
NB 920-NI	●	-	●

## Detector Specification

Interconnection option:	Up to 11 additional NB 920-I detectors. If one of the detectors senses Natural or Propane gas, all of the interconnected detectors will switch into remote alarm mode.
Relay Output:	NB-920-R is equipped with NO/NC selectable relay output
Power Supply:	100/110/120/220/230/240 VAC, 50/60HZ
Power consumption:	4W
Sensitivity:	Per UL 1484 or EN 50194
Operating temperature range:	0°C to 40°C
Humidity:	0 to 95% RH, no condensation or icing
Dimensions:	15.6 cm (L) x 8 cm (W)-5.1 cm (H)

## Operating temperature

- Power on Green LED on
- Alarm Red LED emitting red light and buzzer on temporally
- Testing Green LED/Amber LED/ Red LED emitting light and temporal beeps
- Malfunctioning Amber LED emitting yellow light and buzzer sounding on/off sequentially

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