

F 920 series detectors are manufactured in accordance with CE/ISO 9001 standards and can be calibrated to UL or BSI.

## 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-L 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 at 10 feet at alarm mode
- Easy installation and maintenance
- Complying the UL-1484 standard and EN50194
- No battery is required for circuit control
- Ergonomic design of detector casing

## 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 alarm mode. LED of the first alarmed unit will be emitting red light.

Output: NB-920-R is equipped with relay out

Power Supply: 100/110/120/220/230/240 VAC, 50/60HZ

Power consumption: 4W

Sensitivity: Less than 25% LEL of methane/propane/butane gas

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)



## Status Expression:

- 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