



# Gas Detector

## GD518 Series



### Gas Detectors:

GD518 series detectors is effective for detecting any buildup of natural gas and liquefied gas, The detector ideal for use in home, small commercial properties and recreational vehicles, the detector with relay intended for monitoring the environment and intended for open area protection and for connection to a compatible power or control unit for operation as part of gas detection or emergency signaling system, or intended for control of Ventilation or shut off devices such as fans or control valves. The unit is designed for DC wire-in application, The gas alarm can be mounted in high (for methane gas) or low (for LPG gas) location.

### Product Features:

- To detect combustible gas (NG, LPG)
- Sensitivity can be calibrated into either UL1484/2075 or EN50194 standards
- Figaro semiconductor sensor heads with UL approval for gas detection
- Loud 75dB sound signal at alarm mode
- Advanced detection and discrimination algorithms
- Easy installation and maintenance, Sleek low-profile housing design
- SMD circuit board design
- Magnet test feature
- Five-year limited warranty

### Product Specification:

Model	Gas Monitored	2/4 Wire	Operating Voltage	Output	Standby Current 12V /24V	Alarm Current 12V/24V	Base Mode
GD518-N	Natural Gas	-	12~24Vdc	-	90mA / 56mA	80mA/50mA	P/N852001
GD518-L	Liquefied Gas	-	12~24Vdc	-	90mA / 56mA	80mA/50mA	P/N852001
GD518-NR	Liquefied Gas	4	12~24Vdc	Relay	90mA / 56mA	80mA/50mA	P/N854001
GD518-LR	Liquefied Gas	4	12~24Vdc	Relay	90mA / 56mA	80mA/50mA	P/N854001

### Technical Specification:

Operating Temperature	-10°C to +50°C
Ambient Humidity	30%~95% RH
Alarm Horn	>75dB with Auto-reset at 3m (10 feet)
Power Consumption	2W
Min Gas Level for Alarming	Less than 10% LEL
Relay Rating (if available)	NO or NC operation, Rating: 1.0A@30VDC/0.5A@125VAC (resistive load)
Dimensions:	98mm (Diameter) x 43 mm (Height)
Weight:	170g with base