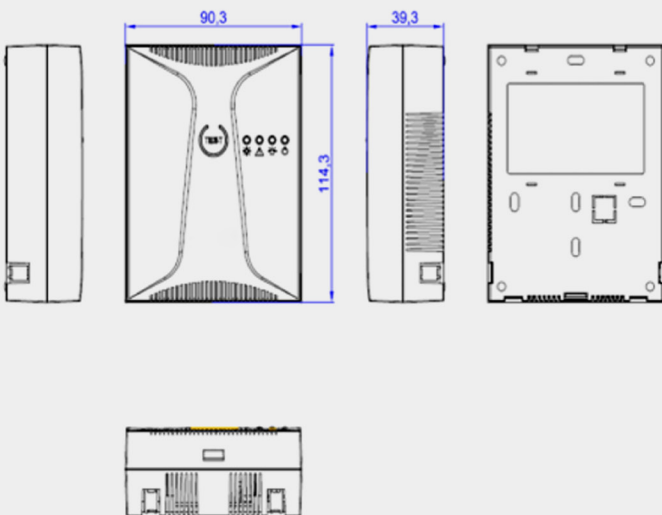


## NGD300 :

### Overview :

The NGD300, a newly introduced independent combustible gas detector by Neowave, operates on AC power and is designed for backside installation. This advanced gas detector is engineered to enhance the safety of users' properties and individuals by mitigating the risks associated with combustible gases. Employing a highly accurate advanced semi-conductor sensor and leveraging sophisticated electronic components, the NGD300 delivers a superior level of functionality, reliability, and safety. This standalone detector, calibrated to alert within the range of 7% to 10% LEL, is equipped with a comprehensive circuit. This circuit controls the sensor's efficiency levels and provides signals for power, warm-up, fault, and alarm indications. Additionally, it features a control button for test (press) and reset (if held for more than 5 seconds). In the event of an alarm being triggered at 7% LEL, the NGD300 activates an inbuilt sounder, facilitating the shutdown of gas solenoid valves through the output of an inbuilt relay.

### Dimensions :



### Feature :

- High reliability with MCU processing control and SMT technology.
- Easy wall installation .
- Clear LED status indications (power, warm-up, fault, and alarm).
- Test and reset button for alarm electronics.
- Low total cost for easy installation.
- Direct solenoid valve connection.
- Designed for residential settings—slim, small, and stylish.

### Application :

NEOWAVE NGD300 Detector is optimized for use by professionals with combustible gas leak detection and it is ideally suited for use in private or social housing, such as residential apartments, villas/townhouses where the combustible gas pose a substantial hazard if a leak occurs.

**Specification :**

<u>Name</u>	<u>Alta Home Gas Detector</u>
Model No.	NGD300
Power Supply	AC220/AC230V
Detected Gas	Natural /LPG/SNG/Propane gas
Gas Range	Natural /LPG/SNG/Propane gas : 0~10%LEL
Alarm Value	Natural /LPG/SNG/Propane gas : 7%LEL to 10%LEL
Alert Mode	Audible alarm
Sound	>80dB
Dimension	114.3*90.3*39.3 (mm)
Certificate	CE and SIL,Civil Defense certificate
Weight	210g
Temperature	-10°C~+55°C
IP Rating	≤95%RH
Humidity	IP52
Power Consumption	3Watts
Warming up time	90Secs