



TR3100-NB

NB-LoT Gas Detector

Features and Benefits

- NB-LoT Gas Detector
- Test and Mute Button
- Automatic reset after the gas concentration is cleared
- LED Status Indicator
- Low power consumption
- Aesthetically pleasing design and easy to install

Overview

The TR100-NB, NB-LoT gas detector is used to detect Methane (CH₄)/ Natural gas leakage and then send communication signal to the platform. With built-in NB-LoT communication chipset to transmit the signal in real time to gateway, widely used in home automation, store security and other fire safety monitoring. The unit is creatively designed that complements modern housing lay-outs. Methane (CH₄) gas is lighter than air, mounting height for Methane (CH₄) gas detector is 0.2 meter below ceiling.

Technical Specification

Power Rating	
Input Voltage	220 VAC / 50 Hz
Power Consumption	Standby: 1.5W, Alarm:2.5W
Device	
Gas Type	Methane (CH ₄)
Alarm Threshold	7%LRL
Detecting Range	0 - 100LEL
Sounder output level	80 dB at 3 meters
Alarm Output	DC12V Power limited 220V/1A Passive switch output

Communication	NB-LoT
LED Indicator	Three LED's Normal: Green LED Flash Alarm: Red LED Steady Light, beep alarm Faulty: Yellow LED Flash every, short beep alarm
Material / Colour	ABS / White Glossy Finishing
Dimension	145 mm x 86 mm x 41.7 mm
Weight	187g
Operating Temperature	-10°C to +55°C
Humidity	0 to 95% Relative Humidity, Noncondensing