

TR3107E-C3H8

Addressable Gas Detector



Features and Benefits

- High sensitivity, long-life sensor.
- temperature and humidity compensation technology
- easy to install

Overview

The Addressable Household Combustible Gas Detector is designed for continuous indoor monitoring of natural gas concentrations. Upon detecting a concentration level reaching the preset alarm threshold, the detector promptly triggers audible and visual alarm signals, while also transmitting an alert to the central control panel. This integrated alarm system serves to proactively avert potential hazardous incidents arising from natural gas leaks. The product finds its applicability in diverse settings, including residences, hotels, apartments, and other similar environments.

Technical Specification

Operating Voltage	Bus voltage: DC24V (15V ~ 28V pulse voltage) Power supply voltage: DC24V (DC20V ~ DC28V)
Working current	Bus monitoring current $\leq 0.8\text{mA}$, bus alarm current $\leq 0.8\text{mA}$ Power monitoring current $\leq 25\text{mA}$, power alarm current $\leq 42\text{mA}$
Detection gas	methane or propane
Range	0~20% LEL
Alarm setting value	8% LEL
Sensor service life	5 years
Relative Humidity	$\leq 95\%RH$, non-condensing
Ingress Protection	IP21
Weight	94gr
Material of Housing	ABS Plastic
Color	Beige

