



Introduction

Infrared methane alarm detector is in compliance with mining products certification, it is mainly applied in coal mine, natural gas, CBM(Coal bed methane),rubbish filling, sewage treatment, anaerobic fermentation and other field for methane gas leakage detection.

Adopting Infrared gas filter technique, CH₄ measurement cannot be interfered by other gas compositions.

Infrared CH₄ Detector Specifications

Measuring method: NDIR infrared

Range: CH₄: 0~5%vol to 0~100%vol

Resolution: 0.01% (for the range of 0~10%vol)

0.1% (for the range of 0~100%vol)

Max. error: 0~1%: $\leq \pm 0.1\%$

1~100%: $\leq \pm 10\%$ of true value

Response time T₉₀: <25S(20°C)

Working temperature: -40~70°C

Storage temperature:-40~85°C

Humidity: $\leq 95\%RH$

Preheating time: 30S

Working power supply: DC3.7V 1300mAh lithium battery

AC 220V to DC 5V adapter

Anti-explosion sign: Exib I

Anti-explosion certificate No.: 320101440

Safety sign No.: MFA110040



JHB-100





JRB-100 GAS DETECTOR

Gas Type: OM
Detection Principle: NDIR
Measurement Range: 0-100VOL
Serial No.: 170828 001 001







Infrared CH4 Detector Application Range

Coal mine, natural gas, CBM (Coal bed methane), rubbish filling, sewage treatment, anaerobic fermentation and other fields for CH4 gas leakage detection.