

NYSEARCH

The RD&D Organization within the Northeast Gas Association
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Methane and Natural Gas Detector *MR-10*

Specifications

- Concentrations range: 0 – 100%
- Operating temperature: -20°C to 50°C
- Storage temperature: -40°C to 90°C
- Relative humidity: 0-95%
- Ambient pressure: 30 - 110 kPa
- Response Time (T_{90}): 1 sec
- Accuracy: 0.25% of full scale
- Resolution: 0.1% of full scale
- Programmable alarm level preset at 1.0% methane in air
- Supply voltage: 5 V

Operating Principle

- Micro-resonance effect
- Temperature stabilized oscillators
- Compensated solid state sensor

Features

- Rigid, reliable sensor design
- Sensitive to natural gas or methane
- Operates in air or nitrogen
- Measures temperature, pressure and humidity
- LCD indicator with backlight
- RS-232 serial port with ASCII output
- Audio and visible alarms
- Status LEDs
- Wireless version under development

Applications

- Residential and Commercial detector
- Custom applications

Package includes

- Detector
- 110V power supply (10' cord)
- User/installation manual

UL Certification

- UL 1484



Contact: admin@northeastgas.org