CNG & LNG Gas Detection Simplified

Repair Facilities
Fleet Owners
Dispenser & Compressor OEM

Gas Detection For Life
Ceiling Mounted Installation

- Controller
- Horn strobe
- Transmitters
- Relay outputs
- Calibration tubing (1/4" ID)
- Wiring
- IR Sensor
- Remote calibration adapter

Centralized Calibration Designs

Easy to Install • Easy to Use • Easy to Service
• Simultaneous readout
• Accepts any 4-20 mA transmitter input (24VDC)
• Weatherproof NEMA 4X
• Common and trouble relays
• Optional strobes, horns, and battery backup available

• 3 alarms per channel
• 3 relays per channel
• Direct connect sensors
• Modbus format RS-485 serial output

• IR sensor is not susceptible to silicone poisoning and has low maintenance requirements
• Operates independent from or with a controller
• Non-intrusive calibration via magnetic wand
• 4-20 mA & digital Modbus outputs standard
• Direct digital readout on backlit LCD
• 2 fully programmable alarm relays & fail relay

Beacon Controllers

4 Channels

Remote horns & lights

Battery backup

M2A and S2 Transmitters With Remote Mount Sensor

Remote sensor with calibration adapter

System Components
RKI specializes in monitoring solutions for natural gas around maintenance bays, dispensing stations, compressors, as well as a variety of other CNG equipment.

There is a potential for a hazardous, flammable condition in or around CNG & LNG equipment, and the atmosphere must be monitored to protect lives and property.

RKI Instruments has a long history of providing gas detection equipment to monitor natural gas dating back more than 75 years. Today, RKI is one of the leading gas detection companies providing solutions to the growing number of CNG & LNG facilities.

What is required?
- Atmosphere around CNG & LNG equipment must be monitored to protect lives and equipment
- Confined Spaces and structures with natural gas equipment must be monitored for leaks
- Sensors should be located where the gas accumulates
- Methane sensors are used for natural gas
- Monitoring points must be located at ceiling or top of confined spaces

What should be specified?
Monitoring system must have ability to deliver remote signaling in the event of a leak. Actions could include:
- Shut down electrical equipment
- Activate ventilation
- Shut down gas
- Audible & visual notification
- Remote notification
- Open doors
- Turn heaters off

What sets us apart?
- We are experts in monitoring natural gas
- Systems have up to 3 relays per channel, plus common relays
- Centralized remote calibration design
- Remote calibration-ground level access to ceiling mounted sensors
- Simple operation of instrument
- User friendly menus for calibration and setup
- Quick delivery
- Industry leading support for specification, start-up and maintenance

Made in the USA