



**Relay module for Model IR-148
infrared gas monitor**

Model IR-148 Relay Module

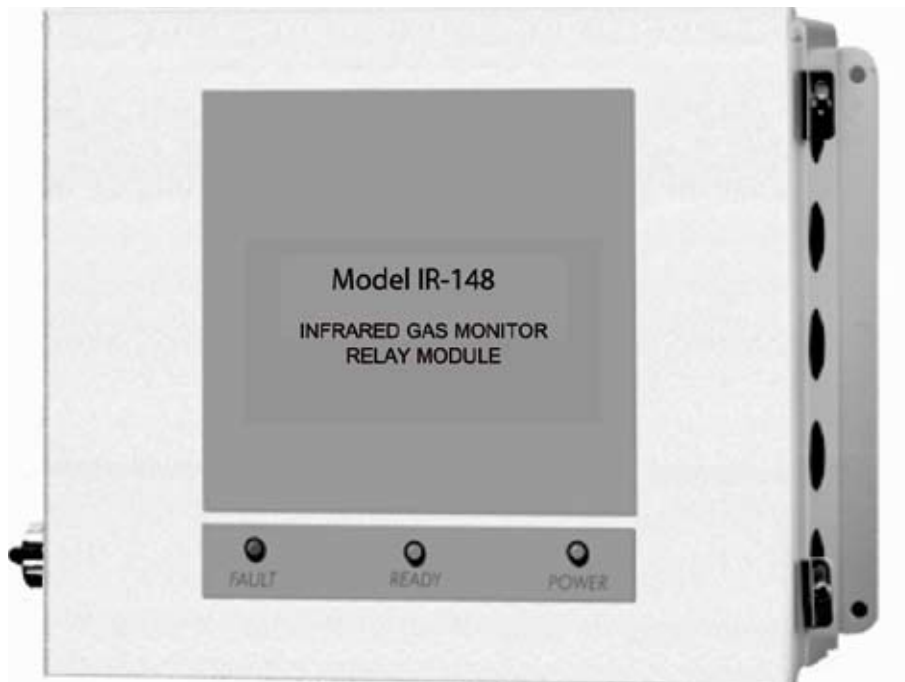


Features

- **Three user-selectable alarm levels (set at the monitor)**
Easily identifies all event levels
- **Relay outputs for each alarm level**
Relays expandable up to three per sample line using optional remote relay module
- **Normally energized Fault Relay**
Quick indication of fault, start-up state or loss of power
- **Fault Relay LED**
Illuminates when a fault condition is detected at either the Model IR-148 or the Relay unit
- **Ready and Power LEDs**
LEDs are illuminated to give quick visual status of the unit

The Model IR-148 Relay module is intended to provide discrete relay outputs for the Model IR-148 infrared gas monitor equipped with a multipoint sequencer.

The Model IR-148 has three alarm threshold levels (Caution, Warning, and Alarm), each with a corresponding Form C relay output. The user can obtain alarm level information via the set of three relay contacts. This relay module enables the user to obtain alarm level information per gas detection point. The relay module communicates with the Model IR-148 over an RS-485 serial link. It is able to operate remotely from the Model IR-148, thus allowing the Model IR-148 to be installed in the best possible location to keep the sampling lines as short as possible, while providing alarm conditions that can be annunciated at a location of the user's choice. The relay module is ordered with one, two, or three internal relay banks. (A bank is equal to eight relays.) Each relay bank is assigned to be a particular alarm level.



Our Product Range



Fixed Gas Monitoring

Honeywell Analytics offers a wide range of fixed gas detection solutions for a diverse array of industries and applications including: Commercial properties, industrial applications, semiconductor manufacturers, energy plants and petrochemical sites.

- » Detection of flammable, oxygen and toxic gases (including exotics)
- » Innovative use of 4 core sensing technologies – paper tape, electrochemical cell, catalytic bead and infrared
- » Capability to detect down to Parts Per Billion (ppb) or Percent by Volume (%v/v)
- » Cost effective regulatory compliance solutions

Portable Gas Monitoring

When it comes to personal protection from gas hazards, Honeywell Analytics has a wide range of reliable solutions ideally suited for use in confined or enclosed spaces.

These include:

- » Detection of flammable, oxygen and toxic gases
- » Single gas personal monitors – worn by the individual
- » Multi-gas portable gas monitors – used for confined space entry and regulatory compliance
- » Multi-gas transportable monitors – used for temporary protection of area during site construction and maintenance activities

Technical Services

At Honeywell Analytics, we believe in the value of great service and customer care. Our key commitment is providing complete and total customer satisfaction. Here are just a few of the services we can offer:

- » Full technical support
- » Expert team on hand to answer questions and queries
- » Fully equipped workshops to ensure quick turnaround on repairs
- » Comprehensive service engineer network
- » Training on product use and maintenance
- » Mobile calibration service
- » Customised programmes of preventative/corrective maintenance
- » Extended warranties on products

Find out more

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H_LR-148RM_DS1998-0389_V4_EMEA

10/07

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