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# Remote*Link* Communicator and Control System



## RL-4000 Series

■ Enables Remote Equipment to Transmit and Receive Vital Data Via CDPD, Norcom™ Satellite, Orbcom™ Satellite, or Landline Network

■ Sends E-Mail Messages Anywhere in the World to Alert a Remote Office

■ Available GPS (Global Positioning) Function Gives Latitude and Longitude

## Description

FWMurphy offers a variety of communication devices that interface with our line of protective and automation controls to provide worldwide monitoring and control of remotely located equipment. As a Value Added Reseller (VAR) we select the network that makes sense for the customer, either cdpd, Norcom™, Orbcom™, or landline to transmit data and commands between remote locations.

Fault or status messages can be transmitted from the equipment site to a remote location such as posting on a web page, or sending a message to pagers or voice communication devices.

**The RL-4000** Series of communicators provide top-end RTU type communications between remotely located equipment and a central control location. This two-way communication gives the operator full control and monitoring capability over the equipment. Certain operating functions can be field configurable within the confines of the factory installed program. Custom programming is also available.

The RL-4000 is available in configurations that provide a wide variety and number of I/O.

All fault alarm messages typically identify the specific machine or piece of equipment, the date and time of occurrence, and the cause of fault. The optional Global Positioning System (GPS) feature will advise you of the exact physical position of the equipment. This can be valuable where equipment may be mobile, or in the case of rental equipment, where it is desirable to know the exact location of the equipment.

## Applications

- Standby Generators
- Rental Equipment
- Airport Ground Support Equipment
- Pumps
- Construction Equipment
- Marine Vessels

## Specifications

**Enclosure (standard):** NEMA 3/12; 20 x 16 x 8 in. Weather resistant; CRS painted; hinged door with digital display of operating parameters; I/O modules and customer accessible terminal block mounted on fixed sub-panel.

**Operating Temperature:** -30 to +70°C (-22 to +158°F)

**Interface:** Rail mounted terminal block assembly

## Power Requirements

12/24 VDC.

## Inputs and Outputs

| RL-4000 I/O | Opto Isolated Discrete Inputs | Discrete Outputs 200 mA | Discrete Outputs (5A) | Frequency Inputs | Analog Inputs/ Discrete as Analog | Thermocouple / RTD Inputs |
|---|---|---|---|---|---|---|
| RL-4001 | 4 | 7 | 0 | 1 | 8 | 0 |
| RL-4002 | 12 | 7 | 8 | 2 | 16 | 0 |
| RL-4003 | 4 | 7 | 0 | 1 | 8 | 18 |
| RL-4004 | 12 | 7 | 8 | 2 | 16 | 18 |

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*In order to consistently bring you the highest quality, full featured products, we reserve the right to change our specifications and designs at any time.*