

Remote *Link* Vital Data Communicator



RL-2000 Series

- Transmit and Receive Vital Data (Such as the Cause-of-Shutdown) Via CDPD, Norcom™ Satellite, Orbcom™ Satellite, or Landline Network
- Sends E-Mail Messages Anywhere in the World to Alert a Remote Office
- Built-in RS232 Port, Factory-configurable or Can Be Custom Programmed
- Available GPS (Global Positioning)

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 using electronic messaging systems such as the Internet, pagers or voice communication devices.

The RL-2000 is a mid-range communication device capable of transmitting fault or status messages, and receiving operational instructions such as starting or stopping equipment. Outbound messages identify the specific machine or piece of equipment, the date and time of occurrence and provide detailed messages. With its ability to accept both analog and discrete inputs, and its multiple discrete output capability, the RL-2000 communicator opens up a wide variety of

applications. Plus, 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.

Because they are microprocessor-based these devices can be factory programmed in various configurations. Consult factory for details.

Inputs/Outputs

- 6 Analog Inputs (4-20 mA, 0-5.0 VDC)
- 6 Discrete Inputs (N.O. and N.C.)
- 6 Discrete Outputs (TTL Logic Levels)

Options

RL-2000 communicator options include:

- **GPS function**
- **Battery for backup power** – charge state maintained by the equipment or by solar cell.

Applications

- Standby Generators
- Rental Equipment
- Air and Gas Compressors
- Airport Ground Support Equipment
- Pumps
- Construction Equipment
- Marine Vessels

Specifications

Enclosure (standard): NEMA 3/12 Weather resistant; CRS painted; 12.75 x 15.75 x 5.5 in. (32 x 40 x 12.8 cm)

RL2-LC (less case): Non-weather resistant; 7 x 6 x 2.5 in (17.8 x 15.3 x 6.3 cm) approx.

Operating Temperature: -40 to 60°C (-40 to 140°F)

Interface: Rail mounted terminal block assembly

Power Requirements

12/24 VDC.

Transmit: 2.5 A. **Receive:** 100 mA

Optional Solar Charger/Battery Pack:
10 W, 12 V, 7 AH

Optional Battery: 12 V, 7 AH.