



# RINGWAY

## Control & Automation

### Head Office

Ringway Control & Automation  
ABN 47 087 315 179  
4 Lady Penrhyn Dr,  
Unanderra, NSW 2526  
[products@ringway.com.au](mailto:products@ringway.com.au)  
Ph 02 4255 4300 Fax 02 42718990

### Mackay Office

Ringway Materials Handling  
Unit 10 Woodman Pde,  
Mackay, QLD 4740  
[products@ringway.com.au](mailto:products@ringway.com.au)  
Ph 07 49524001 Fax 07 49522216



# RINGLINE

# FIELDBUS READER

P/N's – RLREAD, RLREADIS (IECEX TSA 08.0008X)

### DESCRIPTION:

The Ringline Fieldbus Reader (Part No. *RLREAD*) is a microprocessor-based real-time monitoring device useful for interrogation, commissioning and fault finding activities on Ringline systems. An Intrinsically Safe (I.S.) model is available (Part No. *RLREADIS*) certified for Group 1 Exia applications (coal mines). The Reader connects to the Ringline fieldbus at any point in the installation and decodes raw data from the system into a number of user selectable formats for quick analysis. Data is viewed in real-time via the on-board LCD.

The Reader is mounted in a robust ABS handheld enclosure with nominal dimensions 15 x 8 x 3 cm. The Reader enclosure assembly has been certified to an Ingress protection rating of IP54. Connection to the Reader is via industry standard 4mm Test sockets. A set of 1.5m blue and white test leads are supplied with the Reader along with a set of alligator style clips. As the sockets, leads and clips are all 4mm quick-connect style, any common multimeter leads and accessories can be used interchangeably with the Reader and its accessories.

### FEATURES:

- **Simple to use, robust and functional.**
- **Reads both digital and analog values**
- **Auto connect and disconnect of battery to extend battery life**
- **Clearly indicated channel numbers**
- **Auto detection of 128 or 192 channels**
- **Extra Low voltage operation**
- **I.S. model available for Group 1 Exia applications**

**APPLICATIONS:**

The Reader is used as a tool to assist in commissioning and fault finding the Ringline two-wire system. It is a portable unit that may be connected to the two-wire fieldbus at any point and will not degrade its performance.

**BRIEF TECHNICAL SPECIFICATIONS:**

- Power Supply:** Battery 9VDC PP3 pack (Restrictions apply for I.S. Model – refer to user manual for details)
- Signal In:** 7.4VRMS
- Display:** 4 x 20 character LCD

