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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:

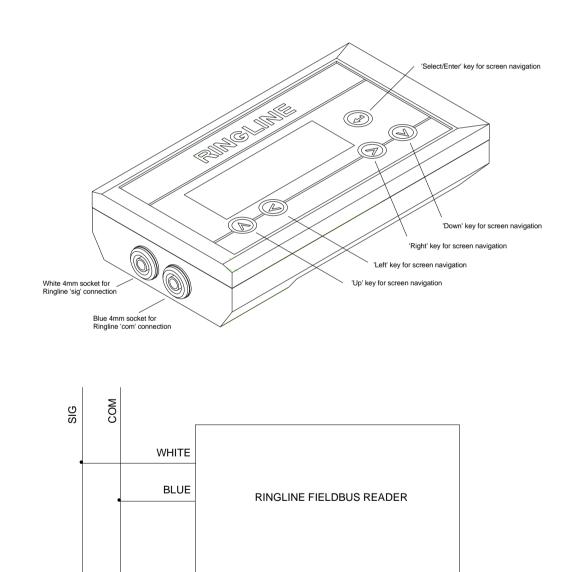
The Reader is used as a tool to assist in commissioning and fault finding the Ringline two-wire system. It is a portable unit that may be connected to the two-wire fieldbus at any point and will not degrade it's performance.

BRIEF TECHNICAL SPECIFICATIONS:

2-WIRE BUS

Power Supply:

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



RLREAD(IS) Connection Diagram