



RINGWAY

Control & Automation

Head Office

Ringway Control & Automation
ABN 47 087 315 179
4 Lady Penrhyn Dr,
Unanderra, NSW 2526
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
Ph 07 49524001 Fax 07 49522216



ENHANCED SAFETY TRANSMITTER

P/N – RLTX2PC4

RINGLINE CATEGORY 4 DIGITAL TRANSMITTER

Ex ia - IECEx TSA 08.0031X

DESCRIPTION:

The Ringline enhanced safety transmitters are designed to achieve up to Safety Category 4. They will operate on any Ringline system and are specifically designed for emergency stop or remote isolation functions. Superior functional safety is achieved by interlocking two normally closed inputs and advanced diagnostics.

Ringline transmitters are encapsulated in a foot mounted plastic housing with flying leads for circuit connection

FEATURES:

- Simple to use, robust and reliable.
- Intrinsically safe for hazardous applications
- Built in surge / lightning protection
- Simple connection
- Advanced error reporting to meet Cat 4 requirements

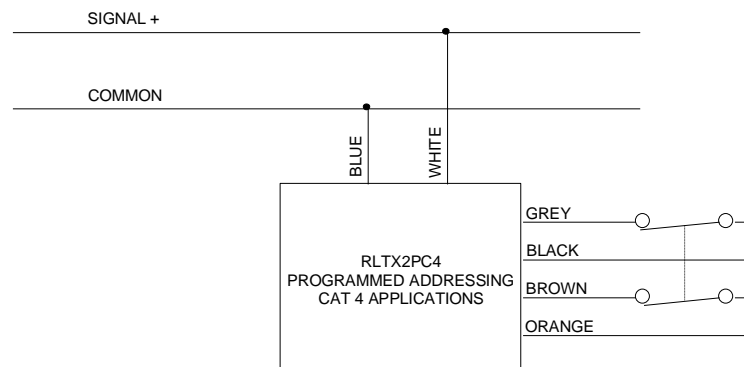
APPLICATIONS:

Cat 4 transmitters will operate on any Ringline system, however, Category 4 Safety can only be achieved if the entire system (inclusive of hardware) meets the requirements of Safety Category 4. These transmitters are specifically designed to perform the emergency stop or remote isolation functions only.

Intrinsically safe application regulations require a minimum housing protection of IP54 and 500V isolation from earth for the interlocks being monitored.

BRIEF TECHNICAL SPECIFICATIONS:

Power Supply:	7.4V RMS from the Ringline field bus
Inputs:	2 x voltage free N/C contacts
Output:	Encoded onto the Ringline field bus
Addressing:	Programmable
Operating Temperature Range:	-30 to +75 °C
Dimensions:	70 (w tabs) / 50 (w body) x 30(h) x 25(d) mm Ø3mm mounting holes - 60mm apart



Typical connection diagram