RipRanger®
Detects longitudinal belt rips in the early stage
RipRanger®

The longitudinal ripping of conveyor belts can occur frequently. The Rip Ranger® System was developed to detect belt rips as soon as possible.

Detecting a belt rip in an early stage increases the availability of conveyor belts significantly and reduces replacement costs.

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<th>INDUSTRY</th>
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<th>☑ Processing</th>
<th>☑ Ports</th>
<th>☑ Industrial</th>
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<tbody>
<tr>
<td>MATERIALS</td>
<td>☑ Coal</td>
<td>☑ Iron Ore</td>
<td>☐ Quarry</td>
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### Features
- Rip detection via inductive loops
- Compatible with several common types of rip loop
- Able to be retrofitted to existing systems
- Robust sensors and enclosure to survive to any mine environment
- Two levels of logic to enable rip detection from the moment the conveyor starts
- Provides its users with a constant flow of information on loop health
- Supports four point of rip protection to one control box if within 1Km distance

### Benefits
- Automatic belt shutdown on Rip
- Profibus Fieldbus support for easy integration
- Battery-free operation available for suitable for non-hazardous underground mine areas
- Interface accessible from onsite via RDP for quick troubleshooting
- The ability to measure, monitor and analyse changes in individual loop condition and quickly isolate damaged or poor performing loops

### Peace of Mind
- Backed by Fenner Dunlop warranty and reputation
- Supported by our highly qualified team of diagnostics specialists, and conveyor experts
- Reliable after sales support from our national network of service centres

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