

SMART
S E R I E S



when reliability matters, choose

Smart solutions

for conveyor safety, protection & monitoring.

PACIFIC
AUTOMATION

Your complete solution

Born from over 20 years of engineering experience working on conveyor belts within the mining and industrial sectors, Pacific Automation are the exclusive channel partner of Smart Series.

Smart Series offers a complete solution for conveyor equipment, to include safety, protection and monitoring. Devices are designed to AS/NZS 4024.3610:2015.

The range includes emergency pull wire switches, belt rip and tear detectors, blocked chute switches, drift detectors, and a full range of essential components.

Safety and reliability matter.

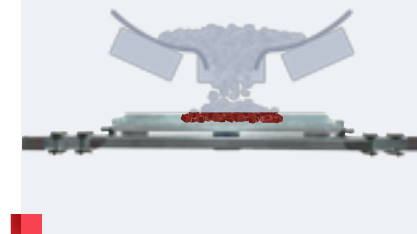
Eliminate nuisance trips.

No more conveyor headaches.

Spillage Detector

FBS FEED BELT

The FBS Belt Tear and Spillage Detector catches spilled material that falls through a torn conveyor belt.



Pull Wire Switch

PULL & SLACK TRIP TYPE

Single trip shaft pullkeys where both ends of the shaft are to be connected to a tensioning spring in order to operate as a balanced system.

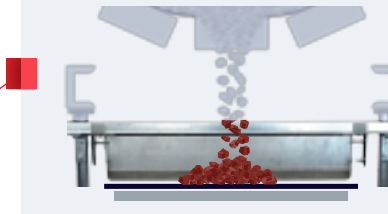
PULL TRIP TYPE

This pullkey is a dual trip shaft pullkey where each trip shaft is completely independent from the other. For this pullkey it is recommended to connect to pull trip cable from pulley to pulley.

Spillage Detector

RBS RETURN BELT

The RBS Return Belt Spillage Detector detects tears and rips that occur in the feed belt of the conveyor. Spilled materials fall through onto the return belt and activate a trip switch.



Essentials for Pull Wire Switch



Blocked Chute Detector

TS1 SMART BLOCK

The TS1 Smart Block detects when conveyor chutes are blocked and will stop the conveyor to avoid spillage and damage to the belts.



Belt Misalignment Detector

BM3 SMART DRIFT

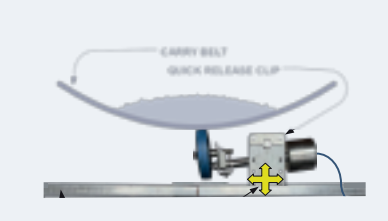
The BM3 Smart Drift Detector detects when the conveyor belt drifts off course and prevents potential damage to the belt.



Belt Speed Detector

SS3 SMART SLIP

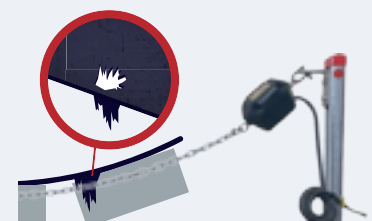
The SS3 Belt Speed Detector monitors the speed of conveyor belts and detects under-speed or drive pulley slip conditions (which is normally caused by belt overloading).



Belt Rip Detector

BRC1 SMART RIP

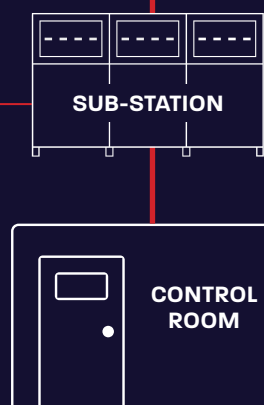
The Belt Rip Detector detects belt rip and tears on the feeding belt. Any loose materials hanging underneath the the feed belt will catch the chain and stop the belt.



Signal Line Monitoring Systems

Our signal line monitoring systems have been designed for conveyor protection and monitoring around a plant and over very long distances.

* Tailored solutions are available.



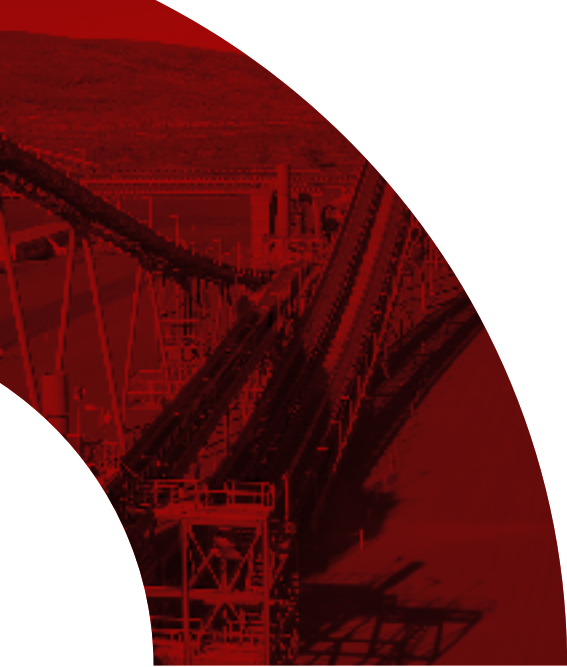
LEGEND

- IP RATING
- VIBRATION RESISTANT
- UV RESISTANT
- TEMPERATURE
- SPACIOUS COMPARTMENT
- QUICK CLEAN
- CORROSIVE RESISTANT
- IMPACT RESISTANT
- EASY TO INSTALL
- DURABILITY
- CHEMICAL RESISTANT
- ROHS COMPLIANT



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PACIFIC AUTOMATION

Pacific Automation has been a leading provider of industrial electrical products and technical support for over half a century. Our experienced team are always on hand to provide critical post-sales service long after a unit leaves our shelves.

We source and supply a diverse range of high quality products from our channel partners for applications in mining, oil & gas, material handling, food and beverage, manufacturing and many more. Turn to us for the product knowledge and technical expertise to solve your complex challenges.

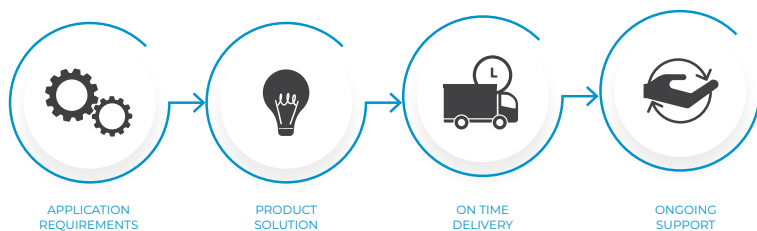
We are Australia's premier supplier of industrial electrical solutions.

OUR PARTNERSHIP

Pacific Automation proudly maintains partnerships with leading manufacturers around the globe to deliver a high quality range of products and complete solutions.

With local operations in New South Wales, Queensland, Victoria and Western Australia, Pacific Automation has become the nation's trusted partner across industry sectors.

Your technical partner,
from source to solution.



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