THE INELCO SMART SERIES

SMART RIP

Belt Rip Detector

BRC1 - Smart Rip

The Belt Rip Detector withstands the toughest conditions that typically exist on conveyor belts including dust, mud, and chemicals.

On belt rip detection, the pin is pulled from its spring-loaded bearing position to activate the switch. The Belt Rip detector is supplied complete with cable and chain. Telescopic mounting brackets are optional.

Key features include:

- Pin shearing is avoided as the pin box swivels in the direction of the pull action.
- Solid pin lock mechanism with spring loaded ball bearings.
- Maintenance-free.
- Quality IP67 UL/ENEC certified switch
- Vibration-resistant spring tensioned terminals

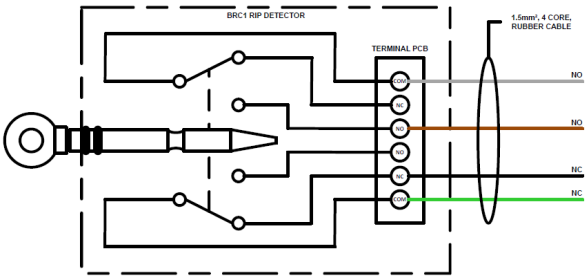
IMPACT RESISTANT

CORROSION RESISTANT

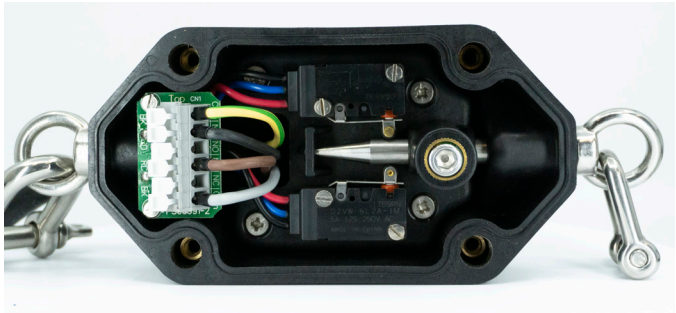
UV RESISTANT

CHEMICAL RESISTANT

STANDARD SWITCH CONTACTS



A CLOSER LOOK AT THE BRC1



Switch Connections

Pin is held in position with spring-loaded ball bearings.

O-Ring Seals

Two seals maintain a IP67 rating whilst pin is secured.

Lid Screws

Remains attached to the lid and cannot lose easily.

TECHNICAL SPECS

Switches Complies with	ENEC / UL Certified in accordance with: EN 61058 - 1 - 1:2016 EN IEC 61058 - 1:2018 UL 61058 - 1 UL60158 - 1 - 1 CSA C22.2 NO.61058 - 1 - 17 CSA C22.2 NO.61058 - 1 - 1 - 17
Material	High impact glass reinforced nylon enclosure, all other components stainless steel & brass
IP Rating (Enclosure)	IP66 & IP67
IP Rating (Contacts)	IP67
Contact Rating	3A @ 250VAC
Contacts	2 x SPTD Contacts
Pull Pin Force	43.6N
Enclosure Size	145mm (L) x 76mm (W) x 100mm (H)

1300 881 876

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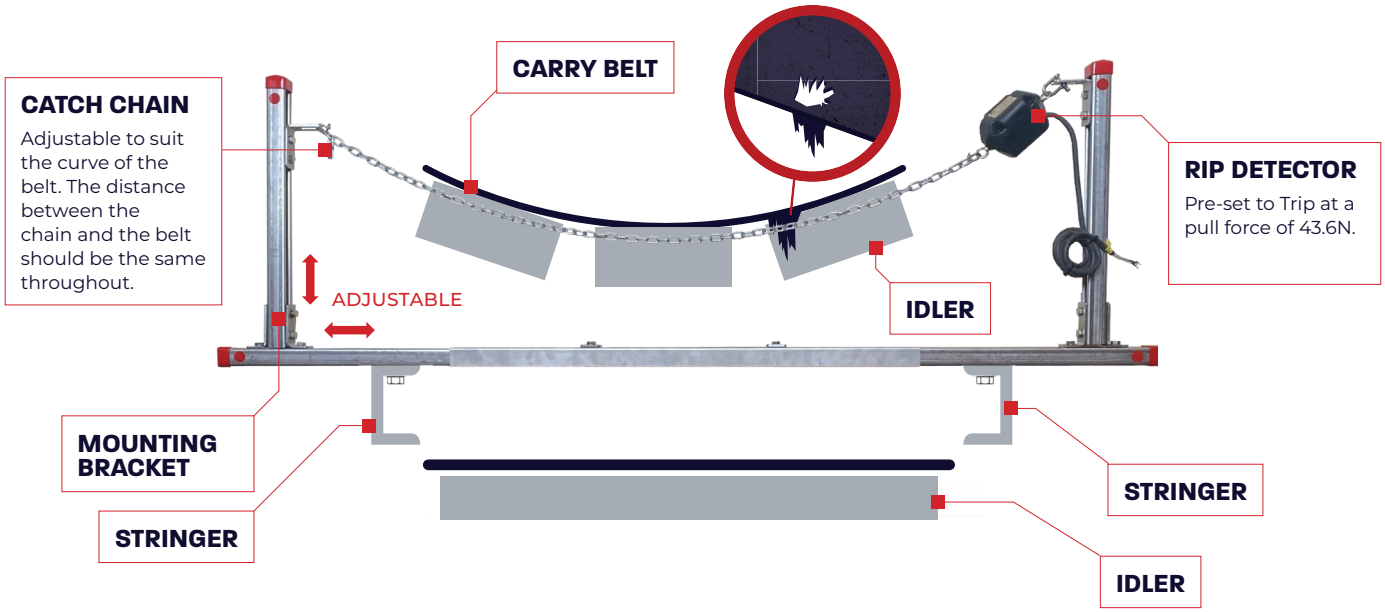
RECOMMENDED INSTALLATION

*Refer to installation manual for more information.



ORDERING DATA

Belt Rip Detector Options	
SSPD-BRC1-2-CH-SS	BRC1 Belt Rip Detector c/w 2 m Stainless/S Chain
SSPD-BRC1-3-CH-SS	BRC1 Belt Rip Detector c/w 3 m Stainless/S Chain

Note: Custom chain length available on request.

Mounting Bracket Options	
SSPD-BRC1-TMB-2.2-SS	BRC1 Belt Rip, Telescopic Mounting Bracket, 2.2m Stainless/S
SSPD-BRC1-TMB-3.0-SS	BRC1 Belt Rip, Telescopic Mounting Bracket, 3m Stainless/S
SSPD-BRC1-TMB-2.2-GS	BRC1 Belt Rip, Telescopic Mounting Bracket, 2.2m Galvanized
SSPD-BRC1-TMB-3.0-GS	BRC1 Belt Rip, Telescopic Mounting Bracket, 3m Galvanized

ASK US ABOUT THE FULL BELT RIP DETECTOR SOLUTION.

To complete the full solution, consider our **Telescopic mounting brackets.** This mounting bracket is designed to cover all belt widths up to 2200mm. Wider assemblies are available on request. Contact our team for more information.

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