

Rub Block Kit

RB2W4LR2

Rub block, Inspection Door, Gasket, Shim, Bolts and Washers.



APPLICATION

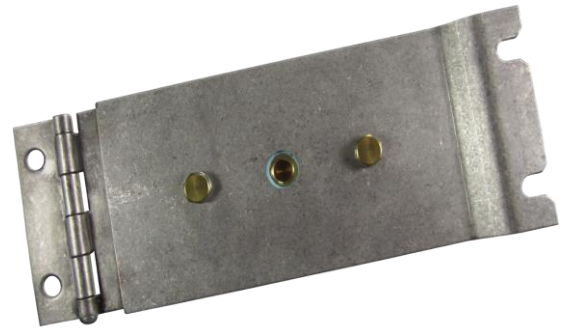
Brass rub blocks monitor for belt misalignment problems on bucket elevators and conveyors by detecting heat generated by the friction of the misaligning belt rubbing against the brass.

METHOD OF OPERATION

A temperature sensor within the brass block provides the temperature reading and the system generates an alarm and a shutdown when a trip point is reached.

The sensors are usually installed in pairs on opposite sides of the machine to detect misalignment on either side. Sensors can be connected directly to a PLC input, or for greater safety, to a central independent monitoring system such as 4B's T500 Elite Hotbus™, Watchdog™ Super Elite or T400N Elite Hotswitch.

Inspection doors are available to assist with periodic maintenance and testing of the brass rub block and system.



FEATURES

- ▶ Belt Misalignment Monitoring
- ▶ Easy Installation
- ▶ No Moving Parts (Solid Brass Block)
- ▶ Easy Installation
- ▶ Temperature Activated (Friction)
- ▶ External Sensor Testing with use of the ADB Tester (ADBT4)

PART NUMBERS/ACCESSORIES

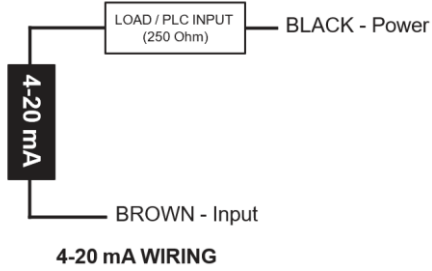
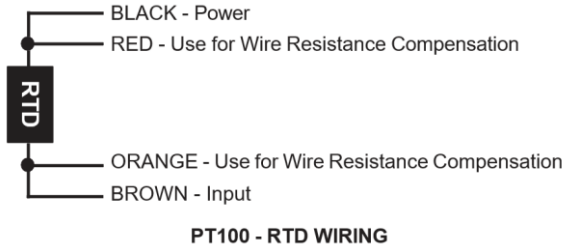
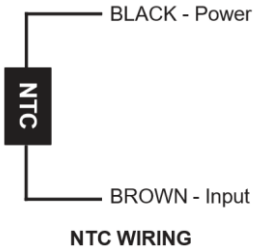
- ▶ RB2W4LR2 (full kit assembly)
- ▶ RB2W4LR2-BLOCK – Rub block only, rectangular 2" W x 4" L, use with 1/8" NPT temp sensor ADB2 series.
- ▶ RB2W4LR2-SHIM - Rub Block shim for RB2W4LR2
- ▶ RB2W4LR2-BOLTS - 1/4-20 Brass bolts for RB2W4LR2
- ▶ RB2W4LR2-SPLIT-LOCK - 1/4 SS split lock washers
- ▶ RBID3X9-DOOR - Rub block inspection door, stainless steel
- ▶ RBID3X9-GASKET - Rub Block gasket

▶ APPLICABLE ADB SENSORS

- ▶ ADB20V3CAI/D2 - 1/8" NPT, conduit entry, NTC, 3m PVC cable, 50mm probe, CSA/ATEX Zone 20/IECEX/UKEx
- ▶ ADB29V3CAI/D2 - 1/8" NPT, conduit entry, PT100, 3m PVC cable, 50mm probe, CSA/ATEX Zone 20/IECEX/UKEx
- ▶ ADBMIL1V4C/D2 - 1/8" NPT, conduit entry, 4-20mA, 2m cable, 50mm probe, CSA

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WIRE DESCRIPTION



DIMENSIONS

