



Upgrade for level fillers



Safety upgrade



PRoCARE®

The smart way to produce
more tonnage per day

jbt.com

JBT builds weight fillers for the Dairy industry. To keep the machines up to date we introduced a continuous improvement plan. This plan results in maintenance and accuracy improvement on the machine.

This leaflet describes the safety upgrade.

Where is the opportunity?

The present machines are equipped with safety screening combined with safety switches. The present switches are based on a magnetic principle. The counter part of this switch one has one position which is right. This avoids tampering as much as possible.



What will be modified?

To upgrade the safety to a higher safety standard JBT is now using the so called RFID (Radio-frequency identification) switches.

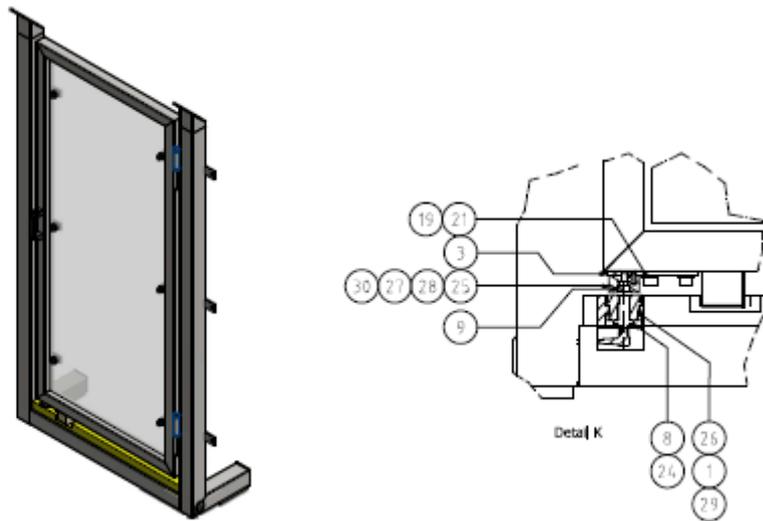
These transponder-coded safety systems are modern interlocking devices or guard locking devices of type 4 for the protection of people, machines and processes. They are based on non-contact transponder technology and consist of a coded actuator, read head and evaluation electronics. In some systems, the read head and evaluation electronics form a self-contained unit



What's the impact?

The new RFID safety switches can be used in the existing safety doors. They can simply be replaced. Additionally an evaluation unit is needed per switch which will be placed in the main control panel or in an remote I/O unit.

Timewise it takes about 4 hrs to prepare the main control panel and about 2 hr per door



What are the benefits?

- ✓ Highest safety category and Performance Level (PL) according to EN ISO 13849-1
- ✓ More tolerance on the door guide
- ✓ Less susceptible to vibration and shock
- ✓ The actuator can be rotated within the read head's operating distance.
- ✓ Insensitive to dirt on the surface
- ✓ Can be used in harsh environment
- ✓ Suitable for areas with increased hygiene requirements

Please contact your JBT customer care manager for more information or a quote.

Contact for the improved slipringset

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COUNT ON JBT TO HELP PROTECT YOUR INVESTMENT

JBT's greatest value in PRoCARE® services comes from preventing unexpected costs through smart, purposeful, and timely maintenance based on unmatched knowledge and expertise. PRoCARE service packages are offered as a maintenance agreement in various service levels, depending on your production and cost management requirements.



JBT LIQUID FOODS

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We're with you, right down the line.™

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