



Upgrade for level fillers



Drainvalve



PRoCARE[®]

The smart way to produce
more tonnage per day

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JBT builds fillers for the Liquid Food 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 an improvement on the drainvalves.

Where is the opportunity?

The machine is equipped with automated drain valve(s). These valves are used during the CIP and the draining of the machine. Feedback from customers learned that there are sometimes issues with the proximity switches and the mechanical functioning as the vertical movement and seal performance. This can cause errors in the valve position indication and generate unwanted stops.



What will be modified?

JBT has developed with the renowned valve manufacturer Burkert a new valve for this bottom drain function. This resulted in a new execution with a very high reliability with regards to the electrical and mechanical functioning which meets the latest state of the art and the highest hygienic standards.

Besides this the new drainvalve has a:

- ✓ Higher hygienic design
- ✓ Renewed closing mechanism
- ✓ Reliable position detection





What's the impact?

The new valve has exactly the same functionality but has a higher reliability with regards to the electrical and mechanical functioning and meet the highest hygienic standards. The improved drain valve is a one-to-one replacement of older iterations of the drainvalve.

Implementation and mounting of the improved drain valve requires 1 workday downtime. When replacing 2 valves, like there are on the machine with a PCD > 2240 mm, this will take about 1 ½ day.

What are the benefits?

- ✓ No erratic reading of the sensors, resulting in unexpected down time
- ✓ Reliable functioning of the vertical movement of the valve avoiding unexpected downtime
- ✓ Compact one-to-one design
- ✓ Highest hygienic design standard, as < Ra 0,8, body SS316L and according to FDA and EC1935/2004.
- ✓ Max. temperature load >100 deg
- ✓ High reliability rate position indicators by easy adjustment closed housing

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

Contact for the Drainvalve replacement

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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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