

# PROBLEM SOLVER

## SENSING PROBLEM SOLVED WITH FESTO

# FESTO

**Problem:** A customer in the dairy industry was having an issue on their line that places the foil lids onto yogurt pots.

They use a vacuum generator to produce the vacuum required to hold the foil lid whilst it is placed onto the pot. If the lid was not picked for any reason, the vacuum was still live and would suck product back into the vacuum lines when the machine was in position to place the non-existent lid.

This not only caused failures on the vacuum lines due to the product ingress, but as the machine would have to be stopped the product batch also had to be scrapped costing more to the business.

**Solution:** One of the options which was to look at sensing of the lid pick was proving to be too expensive, the solution offered was to use a simple **ISV valve from Festo**.

These are designed to automatically cut the vacuum off in the event there is not full contact at the suction cup. This meant that no vacuum was present at the cup if the lid was not picked, solving the issue and giving an immediate cost saving for the customer.

Food and  
Drink



Ref: PS073