



**bürkert**  
FLUID CONTROL SYSTEMS

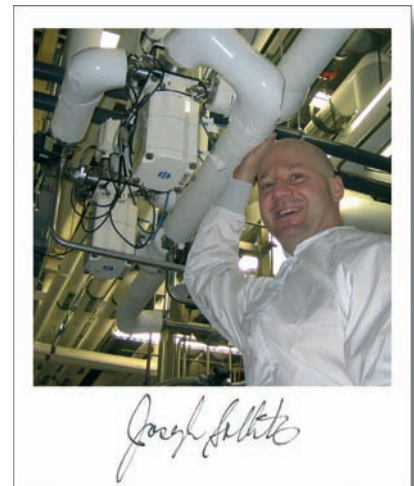
## Customer Testimonial – Biopure

**“By using Robolux valves we improved our process, reduced piping and lowered our overall project cost!”**

At Biopure Corporation in Cambridge, MA, the senior Bioprocess Engineer, Joe Sollecito, was faced with a challenging fluid distribution problem. In this new application, a common Transfer Panel would be both costly and hard to access. Additionally, Biopure wanted to reduce the risk of human error and potential CIP chemical exposure, while at the same time preserve valuable floor space in the plant.

Joe contacted Robolux and, together, they were able to solve the problem using just two multi-port valves. The solution was compact, economical, and easily automated to prevent human error. Overall, it was less expensive and more robust to design the system using Robolux valves instead of a transfer panel. Furthermore, the Robolux solution permitted any possible combination of flow pathways – an important feature that the transfer panel would have required a multitude of spool pieces to accomplish.

However, before moving forward with the installation, Robolux had to meet Biopure's demanding requirements for Steam-in-Place (SIP). Biopure tested the valve to ensure that it would withstand the tough conditions they expected for SIP. One Robolux valve was tested for two months and 20,000 cycles under real-life conditions of steam, pressure and flow. The valve performed excellently without any measurable change in flow capacity ( $C_v$ ) or physical changes to the diaphragm shape or its integrity.



*This is just one example of how we are redefining process systems and equipment. To learn more about Robolux valves and their application, go to [www.buerkert.com](http://www.buerkert.com) or contact your local representative.*

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