



## Automated Closed Loop Solution Saves Customer Over \$300 per Machine

### Challenge:

A customer who makes custom machinery used to extrude and package loaves of lunch meat was looking for a way to automate their existing process. A cylinder integral to the machine would extend wrapping over the loaves once they are extruded, making set-up for different sizes difficult and time consuming. The machine is subjected to wash down, and because of the changing ambient temperature, condensation is present in the air lines. This moisture will shorten the life of most cylinders with sensing technologies.

### Solution:

Bimba supplied the customer with a PFCN and matching closed loop PCS controller (YQ Option). The PFCN and companion PCS control provide closed loop control from a touch screen attached to the machine's PLC. In addition, the PFCN probe is immune to the effects of moisture and air line contamination, making it the ideal choice. As a bonus, ordering the controller as an option with the PFCN saved the customer over \$300.



### Benefits:

- Saved customer over \$300 per machine.
- Closed loop control from a touch screen.
- Immune to moisture in the air lines.

### Other Applications:

- Throttle Control
- Filling
- Position Control