



Application
Form, Fill and Seal

Products Used
2500,7500

Problem

A form, fill and seal machine forms the pouch, fills it with product, then seals it. Controlling and coordinating the sequence of multiple machine functions is critical to performance. Traditional controls are difficult to program, hard to adjust, and unable to retain accuracy in high speed or variable speed situations.

Solution

A programmable limit switch is a perfect replacement for older style sequence controllers. The 2500 PLS uses a unique easy to understand programming sequence. A rotary knob and four push-button keys are all that's required for programming. The 2500 PLS is extremely simple to program. The scroll knob is used to cycle through the real language display. A help menu eliminates operator confusion. The 7500 Ultra High Speed (UHS) Programmable Limit Switch is the fastest pattern controller on the market. With its 5 micro-second scan times for the 16 'hard' outputs, this unit offers unparalleled speed and accuracy. Along with ControlNet and Ethernet IP connectivity, it also accepts a resolver or incremental encoder input.

Benefits

- Programming features and ease of use promote efficient packager set-up.
- Solid state design eliminates production downtime and unreliable performance resulting from electro-mechanical switch failure.
- Windows programming software for uploading and downloading set-up parameters.

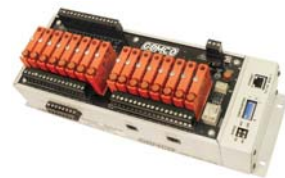
Conclusion

The 2500 PLS was ideal for this application and has increased production and change overtime to a fraction of what it used to be. The solid-state relays ensure maximum longevity as there are no moving parts associated with this solution.

Visit www.ametekapt.com for our complete listing of the Series 1986 Resolvers for rotary position feedback to these devices.



2500 PLS



7500 Ultra High Speed (UHS) Programmable Limit Switch

Packaging



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