

INTRODUCTION

Thank you for selecting Industrial Indexing Systems' Delta Series products. You join many other companies around the world in your choice of these powerful, flexible motion control products.

The Delta S Driver is based on the Delta Driver, with the addition of a SERCOS adapter, which allows the driver to interface to SERCOS Interface^{TM1} Master controllers.

The small, lightweight Delta S Drivers combine the latest in all-digital electronic design, SMT circuit board construction and clever engineering to deliver high performance, advanced features and reasonable cost. Compact, high power density motors provide low rotor inertia, making them the logical choice for positioning and indexing applications.

Delta S Drivers have a wide array of features, including 2 powerful embedded high speed 32-bit RISC processors, membrane keypad, high visibility 5-digit LED display and a SERCOS status display, Analog and Digital I/O, programmable limit switches, S-curve profiling, auto servo tuning, fault history log and many more. Dozens of operational parameters can be programmed, either through the front panel or using your IBM-compatible computer. And the PC software allows quick set-up for a full range of diagnostics and PC oscilloscope functions to display speed and current waveforms on your computer.

High-resolution resolver feedback is standard on Delta S products. Other available choices include encoder feedback and Power Off absolute feedback.

¹ SERCOS Interface is a trademark of Interest Groupe SERCOS

