

TITAN-NXS-SPX

Powered by TITAN®

TITAN
Setting the New Foundation for Servo 5.0

NEXUS
Powered by TITAN®

Micro-Servo Pulse Driver/Controller



USB



2ndSight
READY

Power Input

- Motor Power : 24VDC to 48VDC

Communication

- USB 2.0 using Virtual COM Port

Digital IO

- 3 Opto-isolated differential digital inputs capable of high speed position pulse counting
- 2 Opto-isolated digital outputs

Motor Supported

- 2 Phase Stepper Motors
- 3 Phase Rotary Brushless Motors
- 3 Phase Linear and Shaft Motors
- DC Brushed Motors
- Voice Coil Motors

Compact / Powerful

NEXUS is small in size and yet packed with powerful functions and capabilities.

Universal / Easy

NEXUS is easily able to control commonly used motors in the industry.

Advanced / Intuitive

The CRX has many advanced yet simple and intuitive motion functions.

2ndSight Ready

- The NEXUS SCX is equipped with the 2ndSight motion edge analytics algorithm to predict and detect future failures to increase the uptime and reliability of the motion system.

Connector

- USB Mini-B connector
- 12 pin MicroClasp connector for encoder/hall sensor
- 16 pin MicroClasp connector for motion IO
- 4 pin Mini-fit Jr connector for motor
- 2 pin Mini-fit Jr connector for power

Configurable Control Modes

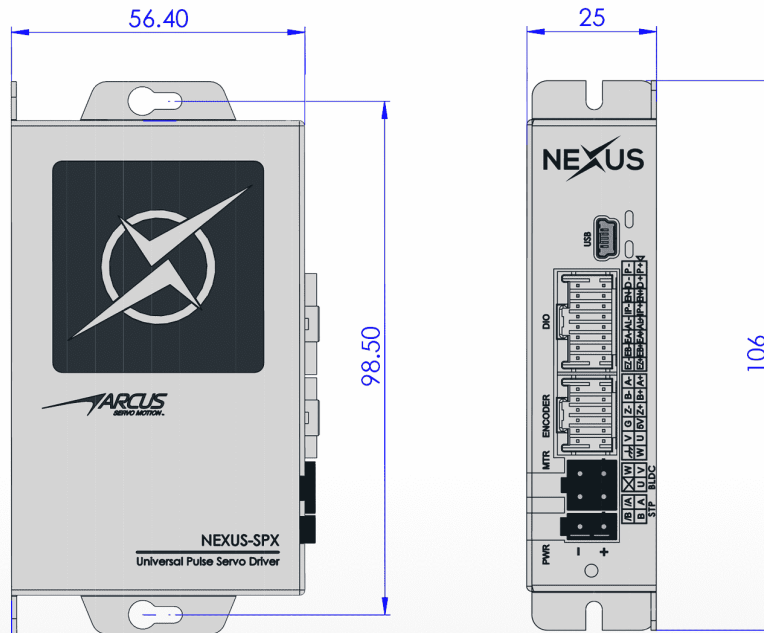
- Pulse Control Mode with high speed pulse counter
- Standalone Control Mode with multi-threaded A-Script programs

Arcus Servo Motion, Inc.
3159 Independence Drive
Livermore, CA 94551, USA

ARCUS
SERVO MOTION™
www.arcusservo.com

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* Dimensions in Millimeters

