



# DMX-K-SA-11-LP-12

Integrated NEMA 8 Pusher

## Overview

DMX-K-SA-11-LP-12 is an integrated controller + driver + stepper linear actuator.

## Communication

- \* RS-485 (9600-115Kbps)
- \* Can run in both PC-based and stand-alone modes

## Programming

- \* Stand-alone programmable
- \* Multi-tasking program support
- \* BASIC-like text based programming language (A-Script)
- \* IF/ELSE/WHILE loop control
- \* Sub routine support
- \* Math function support
- \* 16 volatile variables
- \* 16 non-volatile variables

## Driver Specification

- \* Micro-stepping: Full,  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{16}$

## Digital IO

- \* 1 x Digital Output
- \* 1 x Home-/Limit/+Limit inputs

## Electric Actuator Specification

- \* Stroke: 12 mm
- \* Max Thrust: 68.6 Nm
- \* Resolution: 4  $\mu$ m / step
- \* Repeatability: +/- 0.2 mm
- \* Hysteresis: +/- 0.3 mm

## Size

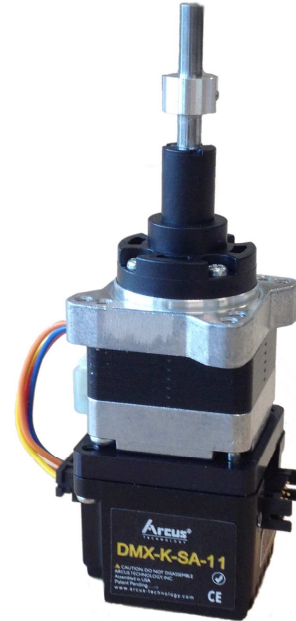
- \* 28 mm x 28 mm x 63 mm

## Connectors

- \* 1 x 10-Pin 2 mm connector

## Power

- \* 12-24 VDC input



## Software

