



FOR IMMEDIATE RELEASE

News Release



Media Contact:
Cheryl Sabatelli
631.404.3173
cheryl.sabatelli@us.festo.com

DNCE Electromechanical Rod Actuators

Ball Screw or Lead Screw Driven

Festo is pleased to announce the expansion of its broad line of electromechanical actuators to include our new electromechanical rod actuators, DNCE. The DNCE electromechanical rod actuator is a screw-driven linear actuator with a nonrotating round piston rod. For conversions from pneumatic to electromechanical automation, the DNCE is a drop-in replacement for the Festo DNC and other pneumatic cylinders based on ISO standard 6431.

DNCE electromechanical actuators provide high precision and flexibility making them an ideal motion control solution when positioning accuracy is critical. It can be supplied as either a stand-alone mechanical axis to be mounted to a Festo or third party motor or as part of a complete Festo solution integrated with an MTR-DCI intelligent motor and controller.

The DNCE is offered with a lead screw or ball screw to satisfy a variety of performance requirement needs.

Festo Corporation
395 Moreland Road
P.O. Box 18023
Hauppauge, NY 11788
Tel: 631.435.0800
Fax: 631.231.9215
www.festo.com/usa



- Ball screw-driven DNCE provides higher precision and repeatability, higher feed velocities, and longer duty cycles than pneumatic actuators.
- Lead screw driven DNCE is self-braking for safety.

Highlights of DNCE:

- Motor mounting can be configured axially (A) or as a reverse parallel mount (U) for limited space requirements
- Proximity sensors mount easily into sensor slots
- Standard and custom stroke lengths available up to 600 mm.
- Repeatability: Lead screw - +/- 0.07 mm
Ball screw - +/- 0.02 mm

For more details, please visit: www.festo.com/us/ela/dnce

Festo is a leading global manufacturer of pneumatic and electromechanical systems, components and controls for industrial automation, with 56 national headquarters serving more than 180 countries. For more than 80 years, Festo has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment. Our dedication to the advancement of automation extends beyond technology to the education of current and future automation and robotics designers with simulation tools, teaching programs, and on-site services.

Festo Contact Information for publication:

Tel: 800.99.FESTO; Fax: 800.96.FESTO

E-mail: customer.service@us.festo.com

website: www.festo.com/usa

Specific product details: www.festo.com/us/ela/dnce

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