



News Release

Compact precision

Electric slide series EGSL from Festo

Hauppauge, NY, August 23, 2011 — Whenever there is a need for precise pushing motion or handling of work pieces, the electric slide series EGSL from Festo is the right choice for pick and place systems or planar surface and 3D gantries. Even with heavy loads, these slide units operate with linearity and parallelism to an accuracy of $\pm .0006$ inches (± 0.015 mm). The EGSL sliding electric guide also offers exceptional energy efficiency.

The EGSL electric slide provides an economical positioning function for strokes of up to 11.8 inches (300 mm). The enclosed ball screw prevents dirt or small work pieces from entering the guide area. Based on the high-precision guide of the DGSL, the pneumatic equivalent of the EGSL, these electric slides are available in four sizes as measured in slide width: 1.4, 1.8, 2.2, and 3 inches (35, 45, 55, and 75 mm).

The motor, which is matched perfectly to the mechanical components, does not project beyond the slide. It can be mounted

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axially or in parallel. This results in a rectangular slide that can be easily integrated into an application. The sensors on the slide itself are also easy to install and make position sensing simple. The intuitive Festo Configuration Tool provides help with commissioning.

To select the best possible solution and matching components, engineers can use Festo's online engineering software [Positioning Drives](#) to calculate the characteristic load values for the selected drives quickly and reliably – in a maximum of four steps. Engineers simply enter the application parameters and required cycle times, edit the motion cycles, and select the desired solution package. The program then outputs the detailed results such as motor characteristic curve, system data, product data, and parts list. Engineers can then use this information for ordering and machine documentation. The software ensures that motors, gears, and axes are neither over- nor under-dimensioned.

For sales information call Festo at 800-993-3786 and visit www.festo.com/us.

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Photo:



[Festo press photo SPS_0410_EGSL_1.tif](#)

Caption:

The electric slide series EGSL offers precise pushing motion or handling of work pieces in pick

and place systems or planar surfaces and 3D gantries. (Photo: Festo)

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Journalists write to the Festo Marketing Manager marketingmgr@us.festo.com for additional information and access to high resolution images.