

LEGS-BL01S-10



Key Features

- 300N Piezo LEGS[®] linear motor
- Easy Integration
- High Resolution
- High Speed Dynamics
- Very Simple Electronics

The Piezo LEGS[®] 300N motor is intended for high force and precision applications. This includes applications in vacuum for the semiconductor industry.

The advantage of using the Piezo LEGS[®] technology is the unsurpassed accuracy in positioning resolution as well as automatic locking giving true set-and-forget performance. The technology is based on direct drive which removes the issues of hysteresis and backlash.

Drive Technology

The motor is using the patented Piezo LEGS[®] technology.

Controlling the motor

The range of drivers includes simple full step drivers to more advanced micro-stepping drivers that can fully utilize the excellent performance of the Piezo LEGS[®] technology.

Ordering Information

LEGS-BL01S-10	Standard Vacuum
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ACCESSORIES

PMD90-BL01S	Microstepping Driver for LEGS-BL01S-10
PMMC01-10	Multichannel driver



PMD90

Simple electronics

For users wishing to fully integrate drivers into the overall system PiezoMotor can supply all waveforms and movement patterns to speed up the implementation. The motor is operating in a non-resonant mode and is not sensitive to cable lengths etc.

Open Loop/Closed Loop Operation

The motor can be moved in full steps, shorter steps or partial steps (micro-stepping) giving positioning resolution in the nanometer range. For extreme positioning requirements in the subnanometer range a bending mode is possible. Speed is easily adjustable from extremely low up to max specified.

Notes

Additional information is available upon request, info@piezomotor.com

