

Press Release

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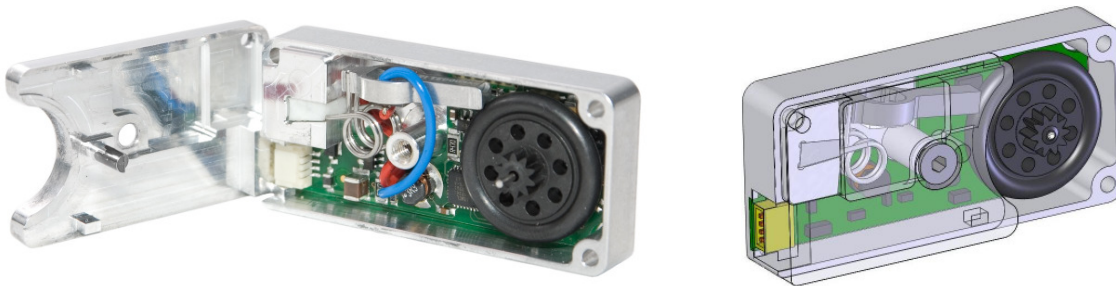
Piezoelectric drive with integrated electronics

Dortmund, March 2007: In order to simplify the system integration of its piezoelectric drives, Elliptec has developed drive modules that incorporate the Elliptec Motor together with the driven element and the electronics in a compact package. Depending on the installed software, the modules exhibit basic DC or stepper motor behavior, but also offer a considerably expanded functionality. The modules have a simple analog (DC) or digital Pulse-and-Direction interface, which is common in stepper motors.

The standard sensors has an angular resolution of 9°, optionally precision sensors are also available with a 0.3° angular resolution. In addition, the modules offer integrated position feedback and let the user program their own motion profiles.

These modules, 25 mm x 52 mm, have optimized electrical and mechanical (vibration) properties that should be appropriate for most applications. The Modules are ideal for small till middle series which require precision and more functionality.

Elliptec AG was founded in 2001. Today Elliptec AG manufactures its low-cost piezoelectric motors and actuators in Dortmund. Elliptec AG also offers engineering and system integration services for customer goods, industrial electronics, and toys, but also for automotive applications and medical technologies. Elliptec AG currently has 26 employees and carries the DIN EN ISO 9001:2000 Certification (issued in December 2004) for standard of quality and quality control. For further information please visit us www.elliptec.com.



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