



## Description

Dielectric elastomer (DE) based actuators are the ideal candidates for innovative drive applications. Delfa Systems offers you easy access to the technology with its know-how, from the design and layout of the drives to their manufacture and suitable control electronics. The main features of DE actuators are:

- ◆ Proportional control
- ◆ Light weight
- ◆ Low-cost
- ◆ No joule heating
- ◆ Silent operation
- ◆ Energy efficient

These features make the actuators attractive for use in **(proportional) valves, switches, for positioning, for haptic feedback, as stoppers**, etc. Typically, such actuators with the size of a credit card and a thickness of a few millimeters achieve strokes in the single-digit millimeter range and forces of up to 10 N. However, both the force and the stroke can be significantly increased with suitable measures.

Feel free to contact us and discuss your needs and ideas!