

MAGNETOSHAPE® push-push actuator kit



Applications

- Demonstration of magnetic shape-memory actuator technology
- R&D studies and prototype development

Features

- Two antagonistically working MAGNETOSHAPE® actuators
- Boasts energy-efficient multi-stability, i.e. intermediate positions are normally stable

Technical data

MAGNETOSHAPE® push-push actuator

Maximum force	12 N
Maximum stroke	0.3 - 0.7 mm
Maximum operating frequency	100 Hz
Actuator type	Multistable
Thermal operating range	0 °C - 45 °C (MAGNETOSHAPE® material)
MAGNETOSHAPE® element size	x = 2 mm y = 3 mm z = 10 mm, 15 mm, 20 mm

Plug-and-play electronics

Nominal voltage	110 - 230 V (electronics)
Connector	IEC 60320-C14
Manual operation	2 Push buttons
Frequency setting	Potentiometer
External control	Digital input (0 - 5 V)
Overheat protection	Temperature sensor

Detailed information requested?

ETO GRUPPE

magnetoshape@etogruppe.com