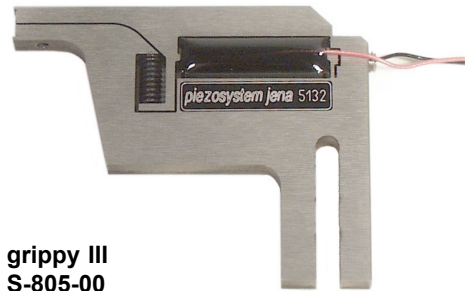


special systems
piezogripper grippy III
fibergripper

- up to 300 µm gap motion
- variable gap shape design
- adjustable grip force
- high speed

applications:

- micro optics manipulation
- fiber optics assembly
- precision mounting and adjusting
- biological sample manipulation

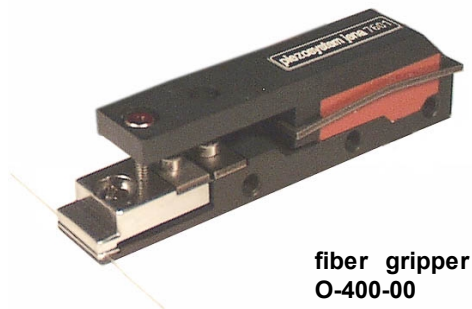


grippy III
S-805-00

The series of piezogripper was designed for micro systems handling applications. The accurate and high speed motion of a piezoactuator is transformed by the levered transmission of a solid state hinge joint to a 300 µm opening of the gripper gap.

Because of its compact dimensions, it is well suited for OEM applications.

All kinds of handling and manipulating small parts in research labs or industry are potential application fields for the piezogripper. The grip force depends on the used spring.



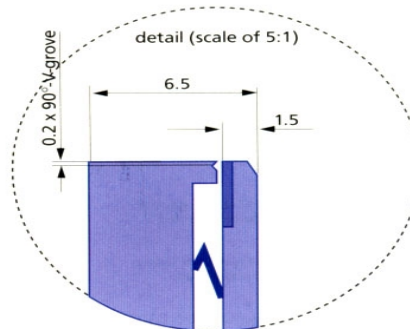
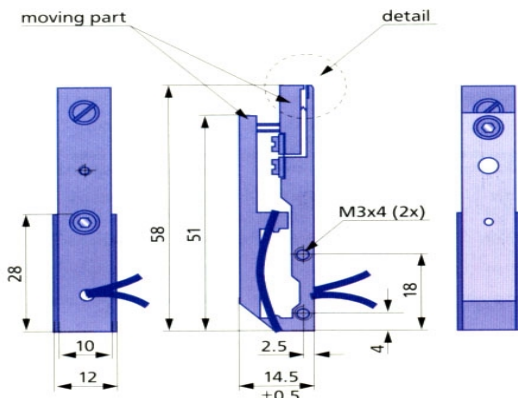
fiber gripper
O-400-00

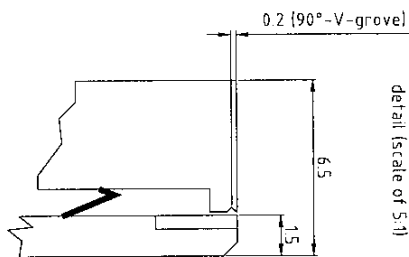
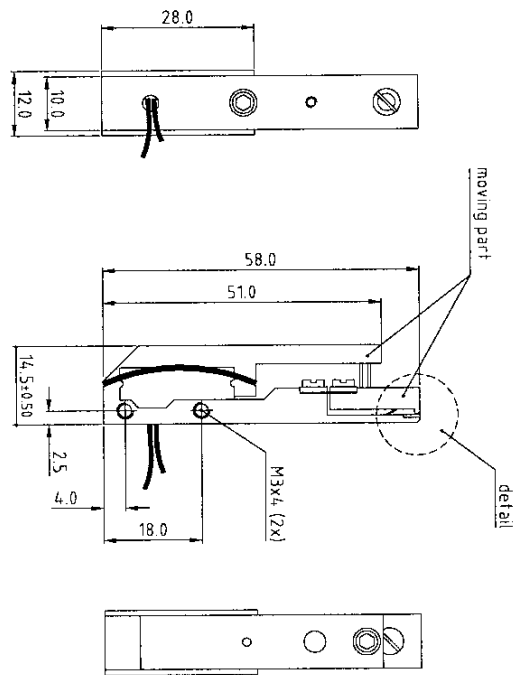
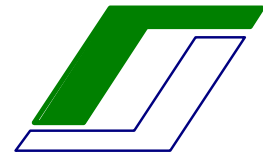
technical data:

part no.	unit	S-805-00	O-400-00
free gap	mm	0.3	depending on fiber
free gripper motion	µm	275	300
operating voltage	V	-10 to +150	-10 to +150
capacitance (± 20%)	µF	0.8	1.7
temperature range	°C	-20 to 80	-20 to 80
dimensions	length	mm	54.5
	width	mm	38
	height	mm	7

options:

gripper gap shape per customer request





ORIGINAL

part-no.	part-name
0-400-00	Piezo Gripper
date	OK / Sign.
09. JAN. 2001	<i>Wg</i>
file name	customer's drawing
PC400000	piezosystem jena

piezosystem jena GmbH

Prüssingstraße 27 • 07745 Jena • HRB Gera 2823 • VAT ID-Nr. DE 150531409

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