

Technical Specifications

Size and Dimensions	
footprint; height	40 mm x 40 mm; 14.5 mm
weight	54 g
Materials	
positioner body	aluminum
actuator	PZT ceramics
connecting wires	copper, jacket: RT: silicone, HV/UHV: fiberglass
Coarse Positioning Mode	
travel range (step mode)	360 ° endless
maximum drive velocity @ 300 K	10 °/s
input voltage range	0 - 60 V
Fine Positioning Mode	
fine angular positioning range @ 300 K	6 m°
fine positioning resolution	μ°
input DC voltage range @ 300 K	0 - 100 V
Position Encoder	
readout mechanism	optoelectronic sensor
encoded travel range	360°
sensor resolution	0.04 m°
sensor power (when measuring)	300 mW
repeatability	4 m° (bidirectional)
Load (@ ambient conditions)	
maximum load	2 kg
maximum dynamic torque around axis	2 Ncm

