

ECR3030/StSt/NUM/UHV

1006213

Technical Specifications

Size and Dimensions	
footprint; height	30mm x 30 mm; 13.5 mm
weight (stainless steel version)	66 g
height	13.5 mm
cable	50 cm cable with connector
Materials	
positioner body	stainless steel
actuator	PZT ceramics
connecting wires	copper, jacket: RT: PTFE, HV/UHV: fiberglass
Coarse Positioning Mode	
travel range (step mode)	360 ° endless
maximum drive velocity @ 300 K	10 °/s
input voltage range	0 - 45 V
Fine Positioning Mode	
fine angular positioning range @ 300 K	12 m°
fine positioning resolution	μ°
input DC voltage range	0 - 45 V
Position Encoder	
readout mechanism	on request (application specific evaluation required)
encoded travel range	360°
sensor resolution	0.01 m°
sensor power (when measuring)	300 mW
repeatability	1 m° (bidirectional)
Load (@ ambient conditions)	
maximum load	on request (application specific evaluation required)
maximum dynamic torque around axis	on request (application specific evaluation required)
General Specifications	
environment	ultra-high vacuum

