

# ECR3030/StSt/NUM/UHV

1006213

## Technical Specifications

<b>Size and Dimensions</b>	
footprint; height	30mm x 30 mm; 13.5 mm
weight (aluminium version)	28 g
weight (stainless steel version)	66 g
<b>Materials</b>	
positioner body	stainless steel
actuator	PZT ceramics
connecting wires	copper, jacket: RT: silicone, HV/UHV: fiberglass
<b>Coarse Positioning Mode</b>	
travel range (step mode)	360 ° endless
maximum drive velocity @ 300 K	10 °/s
input voltage range	0 - 60 V
<b>Fine Positioning Mode</b>	
fine angular positioning range @ 300 K	12 m°
fine positioning resolution	μ°
input DC voltage range @ 300 K	0 - 100 V
<b>Position Encoder</b>	
readout mechanism	optoelectronic sensor
encoded travel range	360°
sensor resolution	0.01 m°
sensor power (when measuring)	300 mW
repeatability	1 m° (bidirectional)
<b>Load (@ ambient conditions)</b>	
maximum load	2 kg
maximum dynamic torque around axis	2 Ncm

