ECR4040

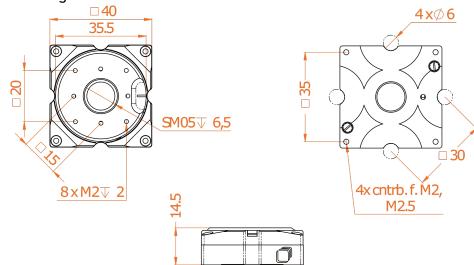


Technical Specifications

Technology	
travel mechanism	inertial piezo drive
positioner type	rotator
Size and Dimensions	
footprint; height	40x40; 14.5mm
max installation space	40x40; 14.5mm
aperture	12.7 mm
weight	g
Materials	
positioner body	Aluminum
actuator	PZT ceramics
connecting wires	copper, jacket: RT: silicon, HV/UHV: fiberglass
bearings	stainless steel
Options	
environmental options	/RT
Load (@ ambient conditions)	
maximum load	20 N
maximum dynamic torque around axis	2 Ncm
Coarse Positioning Mode	
input voltage range	0 - 60 V
travel range (step mode)	360 °
maximum drive velocity @ 300 K	10 °/s
typical minimum step size @ 300 K	0.2 m°

Fine Positioning Mode		
fine positioning resolution	μ°	
fine angular positioning range @ 300 K	6 m°	
input DC voltage range @ 300 K	0 - 100 V	
Accuracy of Movement		
repeatability of step sizes	typically 5 % over full range	
typ. forward / backward step asymmetry	10 %	
Working Conditions		
mounting orientation	arbitrary	
minimum pressure (/RT)	ambient	
temperature range (/RT)	273K 373K	
Connectors and Feedthroughs		
cable	50 cm cable with connector	
connector type	14-pole connector	
Versions		
/RT version	1009634	

Technical Drawings





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