

# ECSz3030/AI/RT

1012902

## Technical Specifications

<b>Size and Dimensions</b>	
footprint; height	30 mm x 31 mm; 31.5 mm
maximum installation space	30 mm x 36.1 mm; 36.5 mm
weight (aluminium version)	90 g
<b>Materials</b>	
positioner body	aluminum
actuator	PZT ceramics
connecting wires	copper, jacket: RT: Teflon/PTFE
<b>Coarse Positioning Mode</b>	
travel range (step mode)	5 mm
maximum drive velocity @ 300 K	2 mm/s
input voltage range	0 - 45 V
<b>Fine Positioning Mode</b>	
fine linear positioning range @ 300 K	0.8 $\mu\text{m}$
fine positioning resolution	sub-nm
input DC voltage range	0 - 45 V
<b>Load (@ ambient conditions)</b>	
maximum load	800 g
maximum dynamic force along the axis	8 N
<b>General Specifications</b>	
environment	/RT

