

ANPz101eXT12/RT - linear z-nanopositioner

1005140

Technical Specifications

Size and Dimensions	
footprint; height	24 mm x 24 mm; 32 mm
maximum installation space	24 mm x 24 mm; 44 mm
weight	62 g
Materials	
positioner body	titanium
actuator	PZT ceramics
connecting wires	insulated twisted pair, copper
Coarse Positioning Mode	
travel range (step mode)	12 mm
maximum drive velocity @ 300 K	~ 3 mm/s
input voltage range	0 - 60 V
Fine Positioning Mode	
fine linear positioning range @ 300 K	5 μ m
fine positioning resolution	sub-nm
input DC voltage range @ 300 K	0 - 100 V
Load (@ ambient conditions)	
maximum load	200 g
maximum dynamic force along the axis	5 N

