ANPx321/UHV - linear x-nanopositioner

1006726



Technical Specifications

Size and Dimensions footprint; height 40 mm x 41.6 mm; 11.5 mm maximum installation space 40 mm x 56.6 mm; 11.5 mm weight 74 g height 11.5 mm Materials 11.5 mm positioner body titanium actuator PZT ceramics connecting wires insulated twisted pair, copper Coarse Positioning Mode 15 mm travel range (step mode) 15 mm maximum drive velocity @ 300 K ~ 3 mm/s	
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input voltage range 0 - 60 V	
Fine Positioning Mode	
fine linear positioning range @ 300 K 5 µm	
fine positioning resolution sub-nm	
input DC voltage range @ 300 K 0 - 100 V	
Load (@ ambient conditions)	
maximum load 2 kg	
maximum dynamic force along the axis 2 N	
General Specifications	
environment /UHV	

