ECSx3050/StSt/HL/NUM/UHV



1013894

Technical Specifications

footprint; height 30 mm x 50 mm; 9.5 mm maximum installation space 30 mm x 81.6 mm; 9.5 mm weight (stainless steel version) 90 g height 9,5 mm Materials positioner body stainless steel actuator PZT ceramics connecting wires copper, jacket: RT: PTFE, HV/UHV: fiberglass Coarse Positioning Mode travel range (step mode) 30 mm maximum drive velocity @ 300 K 4.5 mm/s input voltage range 0-45 V Fine Positioning range @ 300 K 1.6 µm fine positioning resolution sub-nm input DC voltage range 0-45 V Position Encoder readout mechanism optoelectronic sensor encoded travel range sensor resolution 1 nm sensor power (when measuring) 300 mW repeatability 50 nm (bidirectional) Load (@ ambient conditions) maximum dynamic force along the axis General Specifications environment ultra-high vacuum	Size and Dimensions	
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General Specifications		
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environment ultra-high vacuum	•	
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