ANPx341/RES/LT/HV - linear xnanopositioner



1007277

Technical Specifications

footprint; height44 mm x 45 mm; 11.5 mmmaximum installation space44 mm x 45 mm; 11.5 mmmaximum installation space44 mm x 61 mm x 11.5 mmheight11.5 mmMaterials11.5 mmmaximum for bodytitaniumactuatorPZT ceramicsconnecting wiresinsulated twisted pair, copperCoarse Positioning Mode20 mmtravel range (step mode)20 mmmaximum drive velocity @ 300 K~ 3 mm/sinput voltage range0.60 VFine Positioning range @ 300 K5 µmfine linear positioning range @ 300 K5 µmfine linear positioning range @ 300 K0.100 Vinput DC voltage range @ 300 K0.100 Vinput DC voltage range @ 300 K0.100 Vpositioning range @ 300 K0.100 Vinput DC voltage range @ 300 K0.100 Vsensor resolutionsub-nminput DC voltage range @ 300 K0.100 Vpositioning range @ 300 K0.100 Vinput DC voltage range @ 300 K0.100 Vinput DC voltage range @ 300 K0.100 Vinput DC voltage range @ 000 K0.100 Vinput DC voltage range @ 300 K0.100 Vpositioning resolutionxupmaximum dinamic (conditions)-zup (unidirectional)ueadout mechanismresistive sensorencoded travel range20 nmsensor resolution2.2 µm (unidirectional)Load (@ ambient conditions)2 kgmaximum load2 kgmaximum dynamic force along the axis <t< th=""><th>Size and Dimensions</th><th></th></t<>	Size and Dimensions	
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