

ANGt101/LT/HV - goniometer for "theta" tilting

1002736

Technical Specifications

Size and Dimensions	
distance center of rotation to top	40 mm
maximum installation space	28.6 mm x 24 mm; 11.8 mm
weight	18 g
footprint; height	24 mm x 24 mm; 11 mm
Materials	
positioner body	titanium
actuator	PZT ceramics
connecting wires	insulated twisted pair, copper
Coarse Positioning Mode	
travel range (step mode)	6.6 °
maximum drive velocity @ 300 K	~ 1 °/s
Fine Positioning Mode	
fine positioning resolution	no fine positioning capability
Accuracy of Movement	
repeatability of step sizes	typically 5 % over full range
typ. forward / backward step asymmetry	typically 5 %
Load (@ ambient conditions)	
maximum load	1 m°
maximum dynamic force along the axis	2 N

