

# ANSxy100lr/LT/UHV xy-Scanner made from Titanium

1000678

## Technical Specifications

Size and Dimensions	
footprint; height	24 mm x 24 mm; 10 mm
maximum installation space	24 mm x 24 mm; 10 mm
weight	18 g
Materials	
positioner body	titanium
actuator	PZT ceramics
connecting wires	insulated twisted pair, copper
Fine Positioning Mode	
fine linear positioning range @ 300 K	50 x 50 $\mu$ m
fine linear positioning range @ 4 K	30 x 30 $\mu$ m
fine positioning resolution	sub-nm
Accuracy of Movement	
repeatability of step sizes	no coarse positioning capability
typ. forward / backward step asymmetry	no coarse positioning capability
Load (@ ambient conditions)	
maximum load	100 g

