

# ANR31/LT/HV rotator made from Titanium and CuBe

1004585

## Technical Specifications

<b>Size and Dimensions</b>	
footprint; height	10 mm diameter; 7.5 mm
weight	2.5 g
height	7.5 mm
cable	30 cm cable with connector
<b>Materials</b>	
positioner body	beryllium copper & titanium
actuator	PZT ceramics
connecting wires	insulated twisted pair, copper
<b>Coarse Positioning Mode</b>	
travel range (step mode)	360 ° endless
maximum drive velocity @ 300 K	~ 3 °/s
input voltage range	0 - 60 V
<b>Fine Positioning Mode</b>	
fine angular positioning range @ 300 K	60 m°
fine angular positioning range @ 4 K	13 m°
fine positioning resolution	μ°
input DC voltage range @ 300 K	0 - 60 V
input DC voltage range @ 4 K	0 - 150 V
<b>Load (@ ambient conditions)</b>	
maximum load	5 g
maximum dynamic torque around axis	0.03 Ncm
<b>General Specifications</b>	
environment	/LT/HV

