

ANR51/RES/RT - rotator (360° endless)

1003291

Technical Specifications

Size and Dimensions	
footprint; height	15 mm x 15 mm; 9.5 mm
weight	10 g
height	9.5 mm
Materials	
positioner body	titanium
actuator	PZT ceramics
connecting wires	insulated twisted pair, copper
Coarse Positioning Mode	
travel range (step mode)	360 ° endless
maximum drive velocity @ 300 K	~ 10 °/s
input voltage range	0 - 60 V
typical actuator capacitance @ 300 K [μF]	1.9
Fine Positioning Mode	
fine angular positioning range @ 300 K	30 m°
fine positioning resolution	μ°
input DC voltage range @ 300 K	0 - 60 V
Position Encoder	
readout mechanism	resistive sensor
encoded travel range	315°
sensor resolution	~ 6 m°
sensor power (when measuring)	0.01 - 1 mW
repeatability	50 m° (unidirectional)
Load (@ ambient conditions)	
maximum load	30 g
maximum dynamic torque around axis	0.2 Ncm
General Specifications	
environment	/RT

