

ANRv51/ULT/RES+/HV - rotator (360° endless)

1014090

Technical Specifications

Size and Dimensions	
footprint; height	10 mm x 20 mm; 21 mm
weight	17 g
height	21 mm
cable	30 cm cable with connector
Materials	
positioner body	beryllium copper
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
Fine Positioning Mode	
fine angular positioning range @ 300 K	40 m°
fine angular positioning range @ 4 K	6 m°
fine positioning resolution	μ°
input DC voltage range @ 300 K	0 - 60 V
input DC voltage range @ 4 K	0 - 150 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	20 g
maximum dynamic torque around axis	0.2 Ncm
General Specifications	
environment	/ULT/HV /ULT

