ANRv220/RES/RT - rotator (360° endless)



1006363

Technical Specifications

footprint; height 27 mm x 12 mm; 27 mm weight 38 g height 28.5 mm Materials positioner body beryllium copper & titanium actuator PZT ceramics connecting wires insulated twisted pair, copper Coarse Positioning Mode travel range (step mode) 360 ° endless maximum drive velocity @ 300 K ~ 30 °/s input voltage range 0 - 60 V Fine Positioning Mode fine angular positioning range @ 300 K 50 m° fine positioning resolution μ° input DC voltage range @ 300 K 0 - 100 V Position Encoder readout mechanism resistive sensor encoded travel range 315° encotererselution (American State Stat	Size and Dimensions	
weight 38 g height 28.5 mm Materials Particular positioner body beryllium copper & titanium actuator PZT ceramics connecting wires insulated twisted pair, copper Coarse Positioning Mode sendless travel range (step mode) 360 ° endless maximum drive velocity @ 300 K ~ 30 °/s input voltage range 0 - 60 V Fine Positioning Mode 50 m° fine angular positioning range @ 300 K 50 m° fine positioning resolution μ° input DC voltage range @ 300 K 0 - 100 V Position Encoder readout mechanism readout mechanism resistive sensor encoded travel range 315°	footprint; height	27 mm x 12 mm; 27 mm
height28.5 mmMaterialspositioner bodyberyllium copper & titaniumactuatorPZT ceramicsconnecting wiresinsulated twisted pair, copperCoarse Positioning Mode360 ° endlesstravel range (step mode)360 ° endlessmaximum drive velocity @ 300 K~ 30 °/sinput voltage range0 - 60 VFine Positioning Mode50 m°fine angular positioning range @ 300 K50 m°fine positioning resolutionμ°input DC voltage range @ 300 K0 - 100 VPosition Encoderreadout mechanismresistive sensorencoded travel range315°		38 g
Materialspositioner bodyberyllium copper & titaniumactuatorPZT ceramicsconnecting wiresinsulated twisted pair, copperCoarse Positioning Mode360 ° endlesstravel range (step mode)360 ° endlessmaximum drive velocity @ 300 K~ 30 °/sinput voltage range0 - 60 VFine Positioning Mode50 m°fine angular positioning range @ 300 K50 m°fine positioning resolutionμ°input DC voltage range @ 300 K0 - 100 VPosition Encoderreadout mechanismresistive sensorencoded travel range315°		28.5 mm
actuator PZT ceramics connecting wires insulated twisted pair, copper Coarse Positioning Mode travel range (step mode) 360 ° endless maximum drive velocity @ 300 K ~ 30 °/s input voltage range 0 - 60 V Fine Positioning Mode fine angular positioning range @ 300 K 50 m° fine positioning resolution µ° input DC voltage range @ 300 K 0 - 100 V Position Encoder readout mechanism resistive sensor encoded travel range 315°		
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input voltage range 0 - 60 V Fine Positioning Mode fine angular positioning range @ 300 K fine positioning resolution	travel range (step mode)	360 ° endless
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fine positioning resolution μ° input DC voltage range @ 300 K 0 - 100 V Position Encoder readout mechanism resistive sensor encoded travel range 315°	Fine Positioning Mode	
input DC voltage range @ 300 K Position Encoder readout mechanism resistive sensor encoded travel range 315°	fine angular positioning range @ 300 K	50 m°
Position Encoder readout mechanism resistive sensor encoded travel range 315°	fine positioning resolution	μ°
readout mechanism resistive sensor encoded travel range 315°	input DC voltage range @ 300 K	0 - 100 V
encoded travel range 315°	Position Encoder	
	readout mechanism	resistive sensor
conservacelution	encoded travel range	315°
Sensor resolution ~ 6 m²	sensor resolution	~ 6 m°
sensor power (when measuring) 0.01 - 1 mW	sensor power (when measuring)	0.01 - 1 mW
repeatability 50 m° (unidirectional)	repeatability	50 m° (unidirectional)
Load (@ ambient conditions)	Load (@ ambient conditions)	
maximum load 100 g		100 g
maximum dynamic torque around axis 1 Ncm		1 Ncm
General Specifications	General Specifications	
environment /RT	environment	/RT

