

ANR51/UHV - rotator (360° endless)

1003288

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 | 40 m° |
| fine positioning resolution | μ° |
| input DC voltage range @ 300 K | 0 - 60 V |
| Load (@ ambient conditions) | |
| maximum load | 30 g |
| maximum dynamic torque around axis | 0.2 Ncm |
| General Specifications | |
| environment | /UHV |

