

ANRv51/LT/HV - rotator (360° endless)

1003301

Technical Specifications

| | |
|---|--------------------------------|
| Size and Dimensions | |
| footprint; height | 10 mm x 20 mm; 21 mm |
| weight | 10 g |
| height | 21 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 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 |
| Load (@ ambient conditions) | |
| maximum load | 20 g |
| maximum dynamic torque around axis | 0.2 Ncm |
| General Specifications | |
| environment | /LT/HV |

