

ANR101/RES/LT/HV - rotator (360° endless)

1002235

Technical Specifications

| | |
|--|--------------------------------|
| Size and Dimensions | |
| footprint; height | 24 mm x 24 mm; 15.2 mm |
| weight | 36 g |
| 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 | ~ 30 °/s |
| input voltage range | 0 - 60 V |
| Fine Positioning Mode | |
| fine angular positioning range @ 300 K | 70 m° |
| fine angular positioning range @ 4 K | 14 m° |
| fine positioning resolution | μ° |
| input DC voltage range @ 300 K | 0 - 120 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 | 100 g |
| maximum dynamic torque around axis | 0.8 Ncm |
| General Specifications | |
| environment | /LT/HV |

