

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

1006365

Technical Specifications

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|--|--------------------------------|
| Size and Dimensions | |
| footprint; height | 27 mm x 12 mm; 27 mm |
| weight | 38 g |
| height | 28.5 mm |
| cable | 30 cm cable with connector |
| 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 | 70 m° |
| fine positioning resolution | μ° |
| input DC voltage range @ 300 K | 0 - 100 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 | 1 Ncm |
| General Specifications | |
| environment | /UHV |

