

# ANR51/LT/HV - rotator (360° endless)

1003289

## Technical Specifications

|  |                                |
|--|--------------------------------|
| <b>Size and Dimensions</b>             |                                |
| footprint; height                      | 15 mm x 15 mm; 9.5 mm          |
| weight                                 | 10 g                           |
| height                                 | 9.5 mm                         |
| cable                                  | 30 cm cable with connector     |
| <b>Materials</b>                       |                                |
| positioner body                        | titanium                       |
| actuator                               | PZT ceramics                   |
| connecting wires                       | insulated twisted pair, copper |
| <b>Coarse Positioning Mode</b>         |                                |
| travel range (step mode)               | 360 ° endless                  |
| maximum drive velocity @ 300 K         | ~ 10 °/s                       |
| input voltage range                    | 0 - 60 V                       |
| <b>Fine Positioning Mode</b>           |                                |
| 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                      |
| <b>Load (@ ambient conditions)</b>     |                                |
| maximum load                           | 30 g                           |
| maximum dynamic torque around axis     | 0.2 Ncm                        |
| <b>General Specifications</b>          |                                |
| environment                            | /LT/HV                         |

