

# Quarter turn actuator DSR-32-180-P

Part number: 11912

**FESTO**



## Data sheet

| Feature                          | Value                                        |
|----------------------------------|----------------------------------------------|
| Size                             | 32                                           |
| Cushioning angle                 | 1.2 deg                                      |
| Adjustment range of swivel angle | 0 deg...180 deg                              |
| Swivel angle                     | 0 deg...180 deg                              |
| Cushioning                       | Elastic cushioning rings/pads at both ends   |
| Mounting position                | Any                                          |
| Mode of operation                | Double-acting                                |
| Structural design                | Rotary vane                                  |
| Position sensing                 | None                                         |
| Operating pressure               | 0.15 MPa...0.8 MPa<br>1.5 bar...8 bar        |
| Max. swivel frequency at 6 bar   | 3 Hz                                         |
| Operating medium                 | Compressed air as per ISO 8573-1:2010 [7:::] |
| LABS (PWIS) conformity           | VDMA24364-B2-L                               |
| Ambient temperature              | -10 °C...60 °C                               |
| Max. axial force                 | 75 N                                         |
| Max. radial force                | 200 N                                        |
| Theoretical torque at 6 bar      | 10 Nm                                        |
| Product weight                   | 1300 g                                       |
| Type of mounting                 | With through-hole                            |
| Pneumatic connection             | G1/8                                         |
| Covering material                | PA-reinforced                                |
| Drive shaft material             | Steel<br>Nickel-plated                       |
| Seals material                   | NBR                                          |
| Housing material                 | Die-cast zinc                                |