

# Semi-rotary drive DSR-16-180-P

Part number: 11910

FESTO



 General operating condition

## Data sheet

| Feature                                          | Value                                        |
|--------------------------------------------------|----------------------------------------------|
| Size                                             | 16                                           |
| Cushioning angle                                 | 2.1 deg                                      |
| Rotation angle adjustment range                  | 0 deg ... 180 deg                            |
| Swivel angle                                     | 0 deg ... 180 deg                            |
| Cushioning                                       | Elastic cushioning rings/plates at both ends |
| Mounting position                                | optional                                     |
| Mode of operation                                | Double-acting                                |
| Design                                           | Vane                                         |
| Position detection                               | Without                                      |
| Symbol                                           | 00991265                                     |
| Operating pressure                               | 2 bar ... 8 bar                              |
| Max. swivel frequency at 0.6 MPa (6 bar, 87 psi) | 3 Hz                                         |
| Operating medium                                 | Compressed air to ISO 8573-1:2010 [7:-:-]    |
| LABS (PWIS) conformity                           | VDMA24364-B2-L                               |
| Ambient temperature                              | -10 °C ... 60 °C                             |
| Max. axial force                                 | 30 N                                         |
| Max. radial force                                | 75 N                                         |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi)    | 2 Nm                                         |
| Product weight                                   | 300 g                                        |
| Type of mounting                                 | With through-hole                            |
| Pneumatic connection                             | M5                                           |
| Material covering                                | PA-reinforced                                |
| Material drive shaft                             | Steel<br>Nickel-plated                       |
| Material seals                                   | NBR                                          |
| Material housing                                 | Die-cast zinc                                |