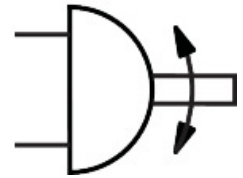
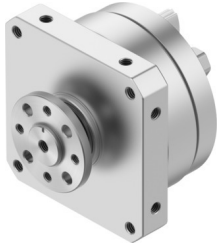


# Semi-rotary drive DSM-16-270-FW-A-B

Part number: 547597

FESTO



 General operating condition

## Data sheet

| Feature                                          | Value                                     |
|--------------------------------------------------|-------------------------------------------|
| Size                                             | 16                                        |
| Swivel angle                                     | 0 deg ... 270 deg                         |
| Mounting position                                | optional                                  |
| Mode of operation                                | Double-acting                             |
| Design                                           | Vane                                      |
| Position detection                               | Via proximity switch                      |
| Symbol                                           | 00991265                                  |
| Operating pressure                               | 0.18 MPa ... 1 MPa                        |
| Operating pressure                               | 1.8 bar ... 10 bar                        |
| Max. swivel frequency at 0.6 MPa (6 bar, 87 psi) | 2 Hz                                      |
| Operating medium                                 | Compressed air to ISO 8573-1:2010 [7:-:-] |
| Corrosion resistance class CRC                   | 0 - No corrosion stress                   |
| LABS (PWIS) conformity                           | VDMA24364-B1/B2-L                         |
| Cleanroom class                                  | Class 6 according to ISO 14644-1          |
| 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)    | 2.5 Nm                                    |
| Product weight                                   | 450 g                                     |
| Type of mounting                                 | Via female thread                         |
| Pneumatic connection                             | M5                                        |
| Note on materials                                | RoHS-compliant                            |
| Material drive shaft                             | Steel<br>Nickel-plated                    |
| Material seals                                   | TPE-U(PU)                                 |
| Material housing                                 | Wrought aluminium alloy                   |