

# Linear actuator DLGF-...-40- -PPSA

Part number: 8063802

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke                                   | 50 mm ... 1000 mm                                                  |
| Piston diameter                          | 40 mm                                                              |
| Cushioning                               | Self-adjusting pneumatic end-position cushioning                   |
| Mounting position                        | Any                                                                |
| Guide                                    | Basic guide<br>Recirculating ball bearing guide                    |
| Driver principle                         | Positive locking (slot)                                            |
| Position sensing                         | For proximity sensor                                               |
| Variants                                 | With mounting holes<br>Without mounting holes                      |
| Operating pressure                       | 0.15 MPa ... 0.8 MPa                                               |
| Operating pressure                       | 1.5 bar ... 8 bar                                                  |
| Mode of operation                        | Double-acting                                                      |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:-:-]                      |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)         | 1 - Low corrosion stress                                           |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L                                                  |
| Ambient temperature                      | 0 °C ... 60 °C                                                     |
| Cushioning length                        | 12.9 mm                                                            |
| Theoretical force at 6 bar, retracting   | 754 N                                                              |
| Theoretical force at 6 bar, advancing    | 754 N                                                              |
| Alternative connections                  | See product drawing                                                |
| Type of mounting                         | With accessories                                                   |
| Pneumatic connection                     | G1/4                                                               |
| Note on materials                        | RoHS-compliant<br>Copper-free                                      |
| Cover material                           | Die-cast aluminum, coated                                          |
| Seals material                           | NBR<br>TPE-U(PU)                                                   |
| Housing material                         | Aluminum, anodized                                                 |