

# Mini slide DGSL-4- -

Part number: 543902

**FESTO**



## Data sheet

| Feature  | Value   |
|--|---|
| Stroke   | 10 mm...30 mm   |
| Piston diameter  | 6 mm  |
| Operating mode, drive unit                                   | Yoke  |
| Cushioning   | Short elastic cushioning rings/pads at both ends<br>No cushioning<br>Elastic cushioning rings/plates at both ends<br>Elastic cushioning rings/pads at both ends with fixed stop |
| Mounting position  | optional  |
| Guide  | Ball bearing cage guide   |
| Design   | Yoke<br>Piston<br>Piston rod<br>Slide   |
| Position detection   | Via proximity switch  |
| Operating pressure   | 0.25 MPa...0.8 MPa<br>2.5 bar...8 bar   |
| Max. speed   | 0.5 m/s   |
| Mode of operation  | Double-acting   |
| Operating medium   | Compressed air to ISO 8573-1:2010 [7:4:4]   |
| Note on operating and pilot medium                           | Lubricated operation possible (in which case lubricated operation will always be required)  |
| Corrosion resistance class CRC                               | 0 - No corrosion stress   |
| LABS (PWIS) conformity                                       | VDMA24364-B1/B2-L   |
| Cleanroom class  | Class 7 according to ISO 14644-1  |
| Ambient temperature  | 0 °C...60 °C  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 13 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 17 N  |
| alternative connections                                      | See product drawing   |
| Type of mounting   | With through-hole   |
| Pneumatic connection   | M3  |
| Note on materials  | RoHS-compliant  |
| Material cover   | Wrought aluminium alloy   |
| Material seals   | HNBR  |
| Material housing   | Wrought aluminium alloy   |

| Feature             | Value                      |
|---------------------|----------------------------|
| Material piston rod | High-alloy stainless steel |