

# Mini slide SLS-10-15-P-A

Part number: 170493

FESTO



## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke                                   | 15 mm                                                              |
| Piston diameter                          | 10 mm                                                              |
| Drive unit operating mode                | Yoke                                                               |
| Cushioning                               | Elastic cushioning rings/pads at both ends                         |
| Mounting position                        | Any                                                                |
| Guide                                    | Ball bearing cage guide                                            |
| Structural design                        | Yoke<br>Piston<br>Piston rod<br>Ball cage guide<br>Slide           |
| Position sensing                         | Via proximity switch                                               |
| Operating pressure                       | 0.1 MPa...1 MPa<br>1 bar...10 bar<br>14.5 psi...145 psi            |
| Mode of operation                        | Double-acting                                                      |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)         | 0 - No corrosion stress                                            |
| LABS (PWIS) conformity                   | VDMA24364-B2-L                                                     |
| Ambient temperature                      | -20 °C...60 °C                                                     |
| Impact energy in the end positions       | 0.05 Nm                                                            |
| Max. force F <sub>y</sub>                | 170 N                                                              |
| Max. force F <sub>z</sub>                | 170 N                                                              |
| Max. torque M <sub>x</sub>               | 1.1 Nm                                                             |
| Max. torque M <sub>y</sub>               | 1.1 Nm                                                             |
| Max. torque M <sub>z</sub>               | 0.7 Nm                                                             |
| Theoretical force at 6 bar, retracting   | 39 N                                                               |
| Theoretical force at 6 bar, advancing    | 47 N                                                               |
| Moving mass                              | 49 g                                                               |
| Product weight                           | 149 g                                                              |
| Alternative connections                  | See product drawing                                                |
| Type of mounting                         | With through-hole                                                  |

| Feature              | Value                            |
|----------------------|----------------------------------|
| Pneumatic connection | M5                               |
| Note on materials    | RoHS compliant                   |
| Cover material       | Wrought aluminum alloy, anodized |
| Guide material       | Steel                            |
| Housing material     | high-alloy stainless steel       |