

# Linear unit SLM-16- -KF-A

Part number: 32782

**FESTO**



## Data sheet

| Feature                                  | Value                                                                                             |
|------------------------------------------|---------------------------------------------------------------------------------------------------|
| Stroke                                   | 10 mm...800 mm                                                                                    |
| Piston diameter                          | 16 mm                                                                                             |
| Cushioning                               | Elastic cushioning rings/pads at both ends<br>Pneumatic shock absorber, hard characteristic curve |
| Mounting position                        | Any                                                                                               |
| Guide                                    | Recirculating ball bearing                                                                        |
| Position sensing                         | Via proximity switch<br>For inductive sensors                                                     |
| Variants                                 | Standard design<br>Hollow guide rod<br>Hollow guide rod and reversing plate                       |
| Operating pressure                       | 0.7 MPa<br>7 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-B2-L                                                                                    |
| Ambient temperature                      | -20 °C...60 °C                                                                                    |
| Theoretical force at 6 bar, retracting   | 121 N                                                                                             |
| Theoretical force at 6 bar, advancing    | 121 N                                                                                             |
| Moving mass                              | 1080 g                                                                                            |
| Additional moving mass per 10 mm stroke  | 15 g                                                                                              |
| Basic weight with 0 mm stroke            | 1730 g                                                                                            |
| Additional weight per 10 mm stroke       | 15 g                                                                                              |
| Pneumatic connection                     | M5                                                                                                |
| Cover material                           | Aluminum                                                                                          |
| Seals material                           | PA<br>TPE-U(PU)                                                                                   |
| Housing material                         | Aluminum                                                                                          |