

# Linear actuator SLG-18- -

Part number: 187853

**FESTO**



## Data sheet

| Feature                                  | Value                                                                                             |
|------------------------------------------|---------------------------------------------------------------------------------------------------|
| Stroke                                   | 100 mm...900 mm                                                                                   |
| Piston diameter                          | 18 mm                                                                                             |
| Cushioning                               | Elastic cushioning rings/pads at both ends<br>Pneumatic shock absorber, hard characteristic curve |
| Mounting position                        | Any                                                                                               |
| Guide                                    | Recirculating ball bearing                                                                        |
| Max. number of intermediate positions    | 4                                                                                                 |
| Driver principle                         | Positive locking (slot)                                                                           |
| Position sensing                         | Via proximity switch                                                                              |
| Variants                                 | Pulling                                                                                           |
| Operating pressure                       | 1 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-B2-L                                                                                    |
| Ambient temperature                      | -10 °C...60 °C                                                                                    |
| Theoretical force at 6 bar, retracting   | 153 N                                                                                             |
| Theoretical force at 6 bar, advancing    | 153 N                                                                                             |
| Additional moving mass per 10 mm stroke  | 30 g                                                                                              |
| Alternative connections                  | See product drawing                                                                               |
| Pneumatic connection                     | M5                                                                                                |
| Cover material                           | POM                                                                                               |
| Seals material                           | TPE-U(PU)                                                                                         |
| Housing material                         | Aluminum<br>Anodized                                                                              |