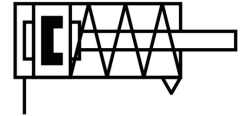


# Short-stroke cylinder AEVC-16-10-A-P-A

Part number: 188103

FESTO



 [General operating condition](#)

## Data sheet

| Feature                                                      | Value                                                              |
|--------------------------------------------------------------|--------------------------------------------------------------------|
| Stroke                                                       | 10 mm                                                              |
| Piston diameter                                              | 16 mm                                                              |
| Spring resetting force with piston rod in retracted position | 5 N                                                                |
| Cushioning                                                   | Elastic cushioning rings/pads at both ends                         |
| Mounting position                                            | Any                                                                |
| Mode of operation                                            | Pushing<br>Single-acting                                           |
| Structural design                                            | Piston<br>Piston rod                                               |
| Position sensing                                             | For proximity sensor                                               |
| Symbol                                                       | 00991729                                                           |
| Operating pressure                                           | 0.15 MPa ... 1 MPa                                                 |
| Operating pressure                                           | 1.5 bar ... 10 bar                                                 |
| Operating pressure                                           | 21.75 psi ... 145 psi                                              |
| 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)                             | 1 - Low corrosion stress                                           |
| LABS (PWIS) conformity                                       | VDMA24364-B1/B2-L                                                  |
| Ambient temperature                                          | -20 °C ... 80 °C                                                   |
| Theoretical force at 6 bar, advancing                        | 112 N                                                              |
| Moving mass                                                  | 17 g                                                               |
| Product weight                                               | 89 g                                                               |
| Type of mounting                                             | Optionally:<br>With through-hole<br>With accessories               |
| Pneumatic connection                                         | M5                                                                 |
| Note on materials                                            | RoHS-compliant                                                     |
| Cover material                                               | Wrought aluminum alloy<br>Anodized                                 |
| Seals material                                               | TPE-U(PU)                                                          |
| Housing material                                             | Wrought aluminum alloy<br>Anodized                                 |
| Piston rod material                                          | High-alloy steel                                                   |