

# Short-stroke cylinder AEVC-40-10-A-P-A

Part number: 188228

**FESTO**



## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 10 mm  |
| Piston diameter  | 40 mm  |
| Spring resetting force with piston rod in retracted position | 28 N   |
| Based on norm  | ISO 6431<br>Hole pattern<br>VDMA 24562                             |
| 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   |
| Operating pressure   | 0.1 MPa...1 MPa<br>1 bar...10 bar<br>14.5 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                        | 707 N  |
| Moving mass  | 70 g   |
| Product weight   | 316 g  |
| Type of mounting   | With through-hole<br>With accessories<br>Optionally:               |
| Pneumatic connection   | G1/8   |
| Note on materials  | RoHS-compliant   |
| Cover material   | Wrought aluminum alloy<br>Anodized                                 |
| Seals material   | TPE-U(PU)  |
| Housing material   | Wrought aluminum alloy<br>Anodized                                 |

| Feature             | Value            |
|---------------------|------------------|
| Piston rod material | High-alloy steel |