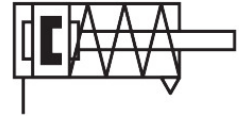


# Short-stroke cylinder AEVC-6-10-A-P-A

Part number: 188061

FESTO



 General operating condition

## Data sheet

| Feature                                                      | Value                                                                                      |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Stroke                                                       | 10 mm                                                                                      |
| Piston diameter                                              | 6 mm                                                                                       |
| Spring return force with retracted piston rod                | 3 N                                                                                        |
| Cushioning                                                   | Elastic cushioning rings/plates at both ends                                               |
| Mounting position                                            | optional                                                                                   |
| Mode of operation                                            | Pushing<br>Single-acting                                                                   |
| Design                                                       | Piston<br>Piston rod                                                                       |
| Position detection                                           | Via proximity switch                                                                       |
| Symbol                                                       | 00991729                                                                                   |
| Operating pressure                                           | 0.25 MPa ... 0.8 MPa                                                                       |
| Operating pressure                                           | 2.5 bar ... 8 bar                                                                          |
| Operating pressure                                           | 36.25 psi ... 116 psi                                                                      |
| Operating medium                                             | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| Note on operating and pilot medium                           | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                               | 1 - Low corrosion stress                                                                   |
| LABS (PWIS) conformity                                       | VDMA24364-B1/B2-L                                                                          |
| Ambient temperature                                          | -20 °C ... 80 °C                                                                           |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 11 N                                                                                       |
| Moving mass                                                  | 1.8 g                                                                                      |
| Product weight                                               | 18 g                                                                                       |
| Type of mounting                                             | Either:<br>With through-hole<br>With accessories                                           |
| Pneumatic connection                                         | M3                                                                                         |
| Note on materials                                            | RoHS-compliant                                                                             |
| Material cover                                               | Wrought aluminium alloy<br>Anodised                                                        |
| Material seals                                               | NBR<br>TPE-U(PU)                                                                           |
| Material housing                                             | Anodised                                                                                   |
| Material piston rod                                          | High-alloy steel                                                                           |