

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

Part number: 188065

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Stroke                                   | 10 mm  |
| Piston diameter                          | 6 mm   |
| Cushioning                               | Elastic cushioning rings/pads at both ends                         |
| Mounting position                        | Any  |
| Mode of operation                        | Double-acting  |
| Structural design                        | Piston<br>Piston rod   |
| Position sensing                         | For proximity sensor   |
| Operating pressure                       | 0.15 MPa...0.8 MPa<br>1.5 bar...8 bar<br>21.75 psi...116 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, retracting   | 13 N   |
| Theoretical force at 6 bar, advancing    | 17 N   |
| Moving mass                              | 2 g  |
| Product weight                           | 16 g   |
| Type of mounting                         | Optionally:<br>With through-hole<br>With accessories               |
| Pneumatic connection                     | M3   |
| Note on materials                        | RoHS-compliant   |
| Cover material                           | Wrought aluminum alloy<br>Anodized                                 |
| Seals material                           | NBR<br>TPE-U(PU)   |
| Housing material                         | Wrought aluminum alloy<br>Anodized                                 |
| Piston rod material                      | High-alloy steel   |