

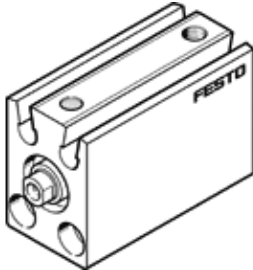
# short-stroke cylinder

## AEVC-12-5-I-P-A

Part number: 188080  
Product to be discontinued

FESTO

For proximity sensing, piston-rod end with female thread.  
Type to be discontinued. Available until 2026. See Support Portal for alternative products.



### Data sheet

| Feature   | Value   |
|---|---|
| Stroke  | 5 mm  |
| Piston diameter                                       | 12 mm   |
| Spring return force, retracted                        | 4 N   |
| Cushioning  | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position                                     | Any   |
| Mode of operation                                     | single-acting<br>pushing action   |
| Design structure                                      | Piston<br>Piston rod  |
| Position detection                                    | For proximity sensor  |
| Operating pressure MPa                                | 0.15 ... 1 MPa  |
| Operating pressure                                    | 1.5 ... 10 bar<br>21.75 ... 145 psi   |
| Operating medium                                      | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium                    | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC               | 1 - Low corrosion stress  |
| PWIS conformity                                       | VDMA24364-B1/B2-L   |
| Ambient temperature                                   | -20 ... 80 °C   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 59 N  |
| Moving mass   | 8.4 g   |
| Product weight  | 51 g  |
| Mounting type   | with through hole<br>with accessories<br>Optional                           |
| Pneumatic connection                                  | M5  |
| Materials note  | Conforms to RoHS  |
| Material cover  | Wrought Aluminium alloy<br>Anodised   |
| Material seals  | TPE-U(PU)   |
| Material housing                                      | Wrought Aluminium alloy<br>Anodised   |
| Material piston rod                                   | High alloy steel  |