

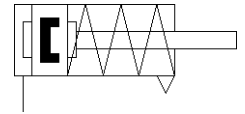
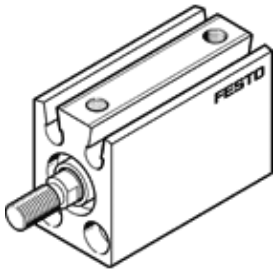
# short-stroke cylinder

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

Part number: 188084

FESTO

For proximity sensing, piston-rod end with male thread.



### 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                         | 1.5 ... 10 bar  |
| 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  |
| Ambient temperature                        | -20 ... 80 °C   |
| Theoretical force at 6 bar, advance stroke | 59 N  |
| Moving mass                                | 8.4 g   |
| Product weight                             | 70 g  |
| Mounting type                              | with through hole<br>with accessories<br>Optional                           |
| Pneumatic connection                       | M5  |
| Materials note                             | Free of copper and PTFE   |
| 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  |