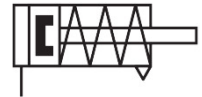


# Compact air cylinder AEN-S-10-5-I-A

Part number: 5269268

FESTO



 General operating condition

## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke                                   | 5 mm                                                               |
| Piston diameter                          | 10 mm                                                              |
| Cushioning                               | No cushioning                                                      |
| Mounting position                        | Any                                                                |
| Mode of operation                        | Pushing                                                            |
| Piston rod end                           | Internal thread                                                    |
| Structural design                        | Piston<br>Piston rod                                               |
| Position sensing                         | For proximity sensor                                               |
| Symbol                                   | 00991201                                                           |
| Variants                                 | Piston rod at one end                                              |
| Operating pressure                       | 0.15 MPa ... 0.8 MPa                                               |
| Operating pressure                       | 1.5 bar ... 8 bar                                                  |
| 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-B2-L                                                     |
| Ambient temperature                      | -10 °C ... 60 °C                                                   |
| Impact energy in the end positions       | 0.012 J                                                            |
| Theoretical force at 6 bar, retracting   | 5.3 N                                                              |
| Theoretical force at 6 bar, advancing    | 41.7 N                                                             |
| Moving mass                              | 4.5 g                                                              |
| Product weight                           | 17 g                                                               |
| Type of mounting                         | With through-hole                                                  |
| Pneumatic connection                     | M3                                                                 |
| Note on materials                        | RoHS-compliant                                                     |
| Cover material                           | Wrought aluminum alloy                                             |
| Material of dynamic seals                | NBR<br>TPE-U(PU)                                                   |
| Housing material                         | Wrought aluminum alloy<br>Anodized                                 |
| Piston rod material                      | High-alloy stainless steel                                         |