



Compact cylinder ADN-25-5-A-P-A 536251

URL: <https://www.sxplc.com/compact-cylinder-adn-25-5-a-p-a-536251>

Product data sheet

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| • Stroke | 5 mm |
| • Piston diameter | 25 mm |
| • Piston rod thread | M8 |
| • Cushioning | Elastic cushioning rings/plates at both ends |
| • Mounting position | optional |
| • Conforms to standard | ISO 21287 |
| • Piston-rod end | Male thread |
| • Position detection | Via proximity switch |
| • Symbol | 00991217 |
| • Variants | Piston rod at one end |
| • Operating pressure | 0.06 MPa ... 1 MPa |
| • Operating pressure | 0.6 bar ... 10 bar |
| • Mode of operation | Double-acting |
| • 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 CRC2** - Moderate corrosion stress
- **LABS (PWIS) conformity**VDMA24364-B1/B2-L
- **Cleanroom class**Class 6 according to ISO 14644-1
- **Ambient temperature**-20 °C ... 80 °C
- **Impact energy in end positions**0.3 J
- **Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke**247 N
- **Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke**295
N
- **Moving mass**44 g
- **Product weight**194 g
- **Type of mounting**Either: With through-hole Via female thread With
accessories
- **Pneumatic connection**M5
- **Note on materials**RoHS-compliant
- **Material collar screws**Steel
- **Material cover**Anodised wrought aluminium alloy
- **Material seals**TPE-U(PUR)
- **Material piston rod**High-alloy steel
- **Material cylinder barrel**Smooth-anodised wrought aluminium alloy

