



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

- **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

