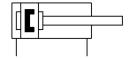
## Compact cylinder ADN-S-12-15-A-P-A Part number: 8091422

**FESTO** 





## **Data sheet**

| Feature  | Value  |
|--|--|
| Stroke   | 15 mm  |
| Piston diameter  | 12 mm  |
| Cushioning   | Elastic cushioning rings/plates at both ends   |
| Mounting position  | optional   |
| Mode of operation  | Double-acting  |
| Piston-rod end   | Male thread  |
| Design   | Piston<br>Piston rod   |
| Position detection   | Via proximity switch   |
| Symbol   | 00991217   |
| Variants   | Piston rod at one end  |
| Operating pressure   | 0.1 MPa 1 MPa  |
| Operating pressure   | 1 bar 10 bar   |
| 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 CRC                               | 1 - Low corrosion stress   |
| Ambient temperature  | 0 °C 60 °C   |
| Impact energy in end positions                               | 0.07 J   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 51 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 68 N   |
| Moving mass for 0 mm stroke                                  | 6 g  |
| Additional moving mass per 10 mm stroke                      | 2 g  |
| Basic weight for 0 mm stroke                                 | 33 g   |
| Additional weight per 10 mm stroke                           | 15 g   |
| Type of mounting   | Either: With through-hole Via female thread With accessories                               |
| Pneumatic connection   | M5   |
| Note on materials  | RoHS-compliant   |
| Material cover   | Anodised wrought aluminium alloy   |
| Material dynamic seals                                       | NBR<br>TPE-U(PU)   |
| Material housing   | Anodised wrought aluminium alloy   |
| Material piston rod  | High-alloy stainless steel   |