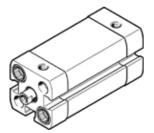
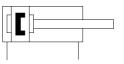
**compact cylinder ADN-12-15-I-P-A** Part number: 536213 Core product range

With position sensing and internal piston rod thread



## **Data sheet**

| Feature                                    | Value                                                                       |
|--------------------------------------------|-----------------------------------------------------------------------------|
| Stroke                                     | 15 mm                                                                       |
| Piston diameter                            | 12 mm                                                                       |
| Piston rod thread                          | M3                                                                          |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position                          | Any                                                                         |
| Conforms to standard                       | ISO 21287                                                                   |
| Piston-rod end                             | Female thread                                                               |
| Position detection                         | For proximity sensor                                                        |
| Variants                                   | Single-ended piston rod                                                     |
| Operating pressure                         | 1 10 bar                                                                    |
| Mode of operation                          | double-acting                                                               |
| Operating medium                           | Compressed air in accordance with IS08573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium         | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC    | 2 - Moderate corrosion stress                                               |
| Ambient temperature                        | -20 80 °C                                                                   |
| Impact energy in end positions             | 0.07 J                                                                      |
| Theoretical force at 6 bar, return stroke  | 51 N                                                                        |
| Theoretical force at 6 bar, advance stroke | 68 N                                                                        |
| Moving mass with 0 mm stroke               | 9 g                                                                         |
| Additional weight per 10 mm stroke         | 12 g                                                                        |
| Basic weight for 0 mm stroke               | 77 g                                                                        |
| Additional mass factor per 10 mm of stroke | 2 g                                                                         |
| Mounting type                              | with through hole                                                           |
|                                            | with internal (female) thread                                               |
|                                            | with accessories                                                            |
|                                            | Optional                                                                    |
| Pneumatic connection                       | M5                                                                          |
| Materials note                             | Conforms to RoHS                                                            |
| Material cover                             | Aluminium                                                                   |
|                                            | Anodised                                                                    |
| Material seals                             | TPE-U(PUR)                                                                  |
| Material piston rod                        | High alloy steel                                                            |
| Material cylinder barrel                   | Wrought Aluminium alloy                                                     |
|                                            | Smooth anodised                                                             |



**FESTO**