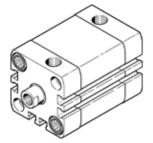
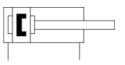
## Compact cylinder ADN-40-5-I-P-A Part number: 536299 ★ Core product range

Per ISO 21287, with position sensing and internal piston rod thread



## **Data sheet**

| Feature                                    | values  |
|--|---|
| Stroke                                     | 5 mm  |
| Piston diameter                            | 40 mm   |
| Piston rod thread                          | M8  |
| 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   |
| Working pressure                           | 0.6 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   |
| Ambient temperature                        | -20 80 °C   |
| Impact energy in end positions             | 0.7 J   |
| Theoretical force at 6 bar, return stroke  | 686 N   |
| Theoretical force at 6 bar, advance stroke | 754 N   |
| Moving mass with 0 mm stroke               | 80 g  |
| Additional weight per 10 mm stroke         | 37 g  |
| Basic weight for 0 mm stroke               | 346 g   |
| Additional mass factor per 10 mm of stroke | 9 g   |
| Mounting type                              | Optional  |
|  | with through hole   |
|  | with internal (female) thread   |
|  | with accessories  |
| Pneumatic connection                       | G1/8  |
| Materials note                             | Conforms to RoHS  |
| Materials information for cover            | Aluminum  |
|  | Anodized  |
| Materials information for seals            | TPE-U(PUR)  |
| Materials information for piston rod       | High alloy steel  |
| Materials information for cylinder barrel  | Wrought Aluminum alloy  |
|  | Smooth anodized   |



**FESTO**