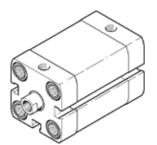
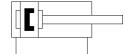
compact cylinder ADNP-25-10-I-P-A Part number: 571981

Product to be discontinued

To ISO 21287, for position sensing, with female thread on the piston rod.

Type to be discontinued. Available until 2017. See Support Portal for alternative products.





FESTO

Data sheet

| Feature | Value |
|--|--|
| Stroke | 10 mm |
| Piston diameter | 25 mm |
| Piston rod thread | M6 |
| Based on the standard | ISO 21287 |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Piston-rod end | Female thread |
| Design structure | Piston |
| | Piston rod |
| | Cylinder barrel |
| Position detection | For proximity sensor |
| Variants | Single-ended piston rod |
| Operating pressure | 0.6 10 bar |
| Mode of operation | double-acting |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [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 | -10 60 °C |
| Impact energy in end positions | 0.24 J |
| Theoretical force at 6 bar, return stroke | 247 N |
| Theoretical force at 6 bar, advance stroke | 295 N |
| Moving mass with 0 mm stroke | 20 g |
| Additional weight per 10 mm stroke | 19 g |
| Basic weight for 0 mm stroke | 116 g |
| Additional mass factor per 10 mm of stroke | 2 g |
| Mounting type | Optional |
| | with through hole |
| | with internal (female) thread |
| | with accessories |
| Pneumatic connection | M5 |
| Materials information for cover | PA-reinforced |
| Materials information for seals | TPE-U(PU) |
| Materials information for piston rod | Wrought Aluminium alloy |
| | Anodised |
| Materials information for cylinder barrel | Wrought Aluminium alloy |
| | Smooth anodised |