

Compact cylinder DMML-16-40-P-A

Part number: 178328

FESTO

Non-rotating, for proximity sensing, with elastic cushioning rings in end-positions, wide range of mounting options.



Data sheet

| Feature | Value |
|--|---|
| Stroke | 1 ... 40 mm |
| Piston diameter | 16 mm |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Mode of operation | double-acting |
| Design structure | Piston Piston rod Profile barrel |
| Position detection | For proximity sensor |
| Variants | Single-ended piston rod |
| Protection against torque/guide | Guide rod with yoke |
| Working pressure | 1 ... 10 bar |
| 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 | -20 ... 80 °C |
| Tightening torque of the drive mounting | 2,5 Nm +10 % |
| Theoretical force at 6 bar | 121 N |
| Theoretical force at 6 bar, return stroke | 104 N |
| Theoretical force at 6 bar, advance stroke | 121 N |
| Mounting type | Optional with through hole with internal (female) thread |
| Pneumatic connection | M5 |
| Material cover | Brass |
| Material seals | TPE-U(PU) |
| Material housing | Wrought Aluminum alloy Anodized |
| Material piston rod | High alloy steel, non-corrosive |