

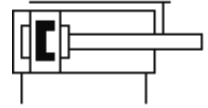
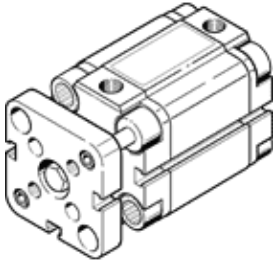
Compact cylinder

ADVUL-12-10-P-A-CT

Part number: 183384

FESTO

For proximity sensing, Piston rod secured against rotation by means of guide rod and yoke plate.



Data sheet

| Feature | Value |
|--|---|
| Stroke | 10 mm |
| Piston diameter | 12 mm |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Piston-rod end | Female thread |
| Design structure | Piston Piston rod |
| Position detection | For proximity sensor |
| Variants | Single-ended piston rod |
| Protection against torque/guide | Guide rod with yoke |
| Working pressure | 1.5 ... 10 bar |
| Mode of operation | double-acting |
| Operating medium | Dried compressed air, lubricated or unlubricated |
| Corrosion resistance classification CRC | 2 |
| Ambient temperature | -5 ... 60 °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 |
| Mounting type | with accessories Optional with through hole |
| Pneumatic connection | M5 |
| Materials note | Free of copper and PTFE |
| Materials information for collar screws | High alloy steel, non-corrosive |
| Materials information for cover | Wrought Aluminum alloy |
| Materials information for dynamic seals | TPE-U(PU) NBR |
| Materials information for piston rod | High alloy steel, non-corrosive |
| Materials information for cylinder barrel | Wrought Aluminum alloy |