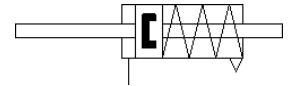
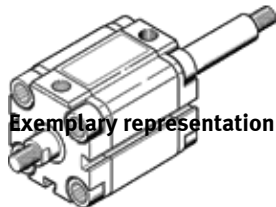


compact cylinder

AEVU-12- -A-P-A-S26

Part number: 156300
 Classic - do not use for new projects

For proximity sensing, piston-rod end with male thread.
 Modern alternatives can be found by entering the first four characters of the type code in the search field.
 Type to be discontinued. Available until 2022. See Support Portal for alternative products.



Data sheet

| Feature | Value |
|---|---|
| Stroke | 1 ... 10 mm |
| Piston diameter | 12 mm |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Mode of operation | single-acting |
| Piston-rod end | Male thread |
| Design structure | Piston Piston rod |
| Position detection | For proximity sensor |
| Variants | Through piston rod Heat resistant seals, max. 120°C |
| Operating pressure MPa | 0.15 ... 1 MPa |
| Operating pressure | 1.5 ... 10 bar 21.75 ... 145 psi |
| 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 |
| PWIS conformity | VDMA24364-B1/B2-L |
| Ambient temperature | 0 ... 120 °C |
| Impact energy in end positions | 0.07 J |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 42 N |
| Mounting type | with through hole with accessories Optional |
| Pneumatic connection | M5 |
| Material of flange screw | High alloy steel, non-corrosive |
| Material cover | Wrought Aluminium alloy |
| Material of dynamic seals | FPM |
| Material piston rod | High alloy steel, non-corrosive |
| Material cylinder barrel | Wrought Aluminium alloy |