

Standard cylinder DSNU-12- -P-A-CT

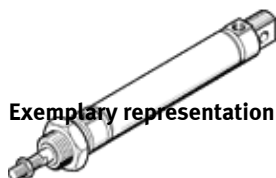
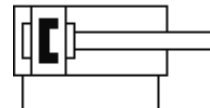
Part number: 170123

FESTO

Based on DIN ISO 6432, for proximity sensing. Various mounting options, with or without additional mounting components. With elastic cushioning rings in the end positions.

A minimum stroke of 10 mm is required for position sensing with proximity sensors.

Products to be discontinued. Available until 2010.



Exemplary representation

Data sheet

| Feature | Value |
|--|--|
| Stroke | 10 ... 200 mm |
| Piston diameter | 12 mm |
| Piston rod thread | M6 |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Conforms to standard | CETOP RP 52 P ISO 6432 |
| Piston-rod end | Male thread |
| Design structure | Piston Piston rod Cylinder barrel |
| Position detection | For proximity sensor |
| Variants | CT: Free of copper and PTFE |
| Operating 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 | -20 ... 80 °C |
| Authorisation | Germanischer Lloyd |
| Impact energy in end positions | 0.07 J |
| Theoretical force at 6 bar, return stroke | 50.9 N |
| Theoretical force at 6 bar, advance stroke | 67.9 N |
| Moving mass with 0 mm stroke | 18.5 g |
| Additional weight per 10 mm stroke | 4 g |
| Basic weight for 0 mm stroke | 75 g |
| Additional mass factor per 10 mm of stroke | 2 g |
| Mounting type | with accessories |
| Pneumatic connection | M5 |
| Materials note | Free of copper and PTFE |
| Materials information for cover | Wrought Aluminium alloy neutral anodisation |
| Materials information for seals | NBR TPE-U(PU) |
| Materials information for piston rod | High alloy steel, non-corrosive |
| Materials information for cylinder barrel | High alloy steel, non-corrosive |