

Stopper cylinder DFSP-50-20-PF-PA

Part number: 576159

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Stroke | 20 mm |
| Piston diameter | 50 mm |
| Piston rod thread | M8 |
| Cushioning | Elastic cushioning rings/plates at both ends |
| Mounting position | optional |
| Mode of operation | Single-acting Pulling |
| Design | Piston Piston rod Profile barrel |
| Position detection | Via proximity switch |
| Piston-rod end | Female thread |
| Symbol | 00991850 |
| Variants | Piston rod with female thread |
| Protection against torque/guide | Round piston rod |
| Operating pressure | 0.12 MPa ... 1 MPa |
| Operating pressure | 1.2 bar ... 10 bar |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 5 according to ISO 14644-1 |
| Ambient temperature | -10 °C ... 80 °C |
| Impact force | 6280 N |
| Permissible lateral force during switching operation | 1570 N |
| Max. cycle frequency | 5 Hz |
| Type of mounting | With through-hole Via female thread With accessories |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS-compliant |
| Material collar screws | Galvanised steel |
| Material cover | Wrought aluminium alloy Anodised |
| Material seals | TPE-U(PU) |
| Material piston rod | High-alloy stainless steel |
| Material roll | Galvanised steel |

| Feature | Value |
|--------------------------|--|
| Material cylinder barrel | Wrought aluminium alloy Smooth anodised |