

# Stopper cylinder DFSP-50-30-PS-PA

Part number: 576152

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Stroke  | 30 mm  |
| Piston diameter   | 50 mm  |
| Cushioning  | Elastic cushioning rings/plates at both ends   |
| Mounting position   | Any  |
| Mode of operation   | Single-acting<br>Pulling   |
| Design  | Piston<br>Piston rod<br>Profile barrel   |
| Position detection  | Via proximity switch   |
| Symbol  | 00991850   |
| 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<br>With female thread<br>With accessories                                |
| Pneumatic connection                                      | G1/8   |
| Note on materials   | RoHS compliant   |
| Material collar screws                                    | Galvanised steel   |
| Material cover  | Wrought aluminium alloy<br>anodised  |
| Material seals  | TPE-U(PU)  |
| Material piston rod                                       | High-alloy stainless steel   |
| Material roll   | Galvanised steel   |
| Material cylinder barrel                                  | Wrought aluminium alloy<br>Smooth-anodised   |