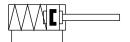
## **Stopper cylinder DFSP-16-10-F-PA** Part number: 576062







## **Data sheet**

| Feature  | Value  |
|--|--|
| Stroke   | 10 mm  |
| Piston diameter                                      | 16 mm  |
| Piston rod thread                                    | M3   |
| Cushioning   | Elastic cushioning rings/plates at both ends   |
| Mounting position                                    | optional   |
| Mode of operation                                    | Double-acting Pulling  |
| Design   | Piston Piston rod Profile barrel   |
| Position detection                                   | Via proximity switch   |
| Piston-rod end                                       | Female thread  |
| Variants   | Piston rod with female thread  |
| Protection against torque/guide                      | Round piston rod   |
| Operating pressure                                   | 0.28 MPa1 MPa<br>2.8 bar10 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  |
| Ambient temperature                                  | -10 °C80 °C  |
| Impact force   | 880 N  |
| Permissible lateral force during switching operation | 147 N  |
| Max. cycle frequency                                 | 5 Hz   |
| Type of mounting                                     | Either: With through-hole Via female thread With accessories                               |
| Pneumatic connection                                 | M5   |
| Note on materials                                    | RoHS-compliant   |
| Material collar screws                               | High-alloy stainless steel   |
| Material cover                                       | Wrought aluminium alloy<br>Anodised  |

| Feature             | Value                                      |
|---------------------|--|
| Material seals      | TPE-U(PU)                                  |
| Material piston rod | High-alloy stainless steel                 |
| Material roll       | Galvanised steel                           |
|                     | Wrought aluminium alloy<br>Smooth anodised |