

## Stopper Cylinder DFSP-20-10-PF-PA - Festo 576087

Item no. FES-576087

Manufacturer Festo

EAN 4052568224516

Festo pneumatic cylinder for precise linear motion and defined force in automation.

### TECHNICAL DATA

|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| Betriebsdruck max [bar]        | 10.000000                                       |
| Bore (mm)                      | 20.000000                                       |
| Corrosion resistance class CRC | 2 - moderate corrosion stress                   |
| Cushioning                     | P: Elastic silencer rings / plates double-sided |
| Design                         | Piston, piston rod, profile tube                |
| Function                       | single-acting                                   |
| Medium                         | Compressed air                                  |
| Mounting position              | arbitrary                                       |
| Operating conditions           | ISO 8573-1                                      |
| Pneumatic connection           | M5                                              |
| Position sensing               | Yes                                             |
| Seal material                  | TPE-U(PU)                                       |
| Series                         | DFSP                                            |
| Stroke [mm]                    | 10                                              |
| Temperature (max.)             | 80                                              |
| Weight                         | 0.21 kg                                         |
| Zolltarifnummer                | 84123100                                        |



### STANDARDS & COMPLIANCE

ISO 8573-1:2010

### DESCRIPTION

Festo pneumatic cylinder for precise linear motion and defined force in automation. The key technical data of this genuine Festo article are listed below.

|                        |                                                 |
|------------------------|-------------------------------------------------|
| Stroke [mm]            | 10                                              |
| Piston diameter        | 20 mm                                           |
| Dampening              | P: Elastic silencer rings / plates double-sided |
| installation position  | arbitrary                                       |
| Principle of operation | single action<br>Pulling                        |
| Construction set up    | Piston<br>piston rod<br>profile tube            |
| Position detection     | For proximity switch                            |

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Page 1/2

|                                                    |                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------|
| Anti-twist lock / guide                            | Round piston rod                                                                |
| Operating pressure [bar]                           | 1.6 to 10                                                                       |
| Operating medium                                   | Compressed air to ISO 8573-1:2010 [7:4:4]                                       |
| Information about operating and control medium     | Oiled operation possible (required in further operations)                       |
| Corrosion resistant class KBK                      | 2 - moderate corrosion stress                                                   |
| ambient temperature [°C]                           | -10 to 80                                                                       |
| Impact strength [N]                                | 1.370                                                                           |
| Permitted shear force during switching process [N] | 228                                                                             |
| Max. cycle frequency [Hz]                          | 5                                                                               |
| Fastening type                                     | With throughway bores<br>With female thread<br>With Accessories<br>Selectively: |
| Pneumatic connection                               | M5                                                                              |
| Material information                               | RoHs compliant                                                                  |
| Flush screw material                               | Zinc plated steel                                                               |
| Cover material                                     | Aluminium wrought alloy<br>anodized                                             |
| Seals material                                     | TPE-U(PU)                                                                       |
| Piston rod material                                | High-alloyed stainless steels                                                   |
| Roller material                                    | Zinc plated steel                                                               |
| Cylinder tube material                             | Aluminium wrought alloy<br>Smooth anodised                                      |
| Piston rod thread                                  | M3                                                                              |
| Piston rod end                                     | Female thread                                                                   |