

## Compact Cylinder DPDM-16-5-S-PA - Festo 4833272

Item no. FES-4833272

Manufacturer Festo

EAN 4052568293086

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

### TECHNICAL DATA

|                         |           |
|-------------------------|-----------|
| Betriebsdruck max [bar] | 8.000000  |
| Bohrung (mm)            | 16.000000 |
| HS-Code                 | 84123100  |
| Hub [mm]                | 5.000000  |
| Pneumatischer Anschluss | M5        |
| Weight                  | 0.075 kg  |
| Werkstoff               | Aluminium |



### 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]                                    | 5                                                         |
| Piston diameter                                | 16 mm                                                     |
| Dampening                                      | P: Elastic silencer rings / plates double-sided           |
| installation position                          | arbitrary                                                 |
| Principle of operation                         | Pressing<br>single action                                 |
| Construction set up                            | Piston<br>piston rod<br>profile tube                      |
| Position detection                             | For proximity switch                                      |
| Variants                                       | One-sided piston rod                                      |
| Operating pressure [bar]                       | 2 to 8                                                    |
| 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              | 1 - low corrosion stress                                    |
| ambient temperature [°C]                   | -10 to 80                                                   |
| Theoretical force at 6 bar [N]             | 100                                                         |
| Theoretical force at 6 bar, flow [N]       | 100                                                         |
| Moving mass at 0 mm stroke [g]             | 18,0                                                        |
| Weight supplement per 10 mm stroke [g]     | 13,0                                                        |
| Base weight at 0 mm stroke [g]             | 66,0                                                        |
| Supplement moved mass per 10 mm stroke [g] | 2,3                                                         |
| Fastening type                             | With throughway bores<br>With female thread<br>Selectively: |
| Pneumatic connection                       | M5                                                          |
| Material information                       | RoHs compliant                                              |
| Cover material                             | Aluminium wrought alloy                                     |
| Seals material                             | NBR<br>TPE-U(PU)                                            |
| Housing material                           | Aluminium wrought alloy, anodised                           |
| Piston rod material                        | High-alloyed stainless steels                               |