

## Compact Cylinder ADVUL-20-50-P-A - Festo 156865

Item no. FES-156865

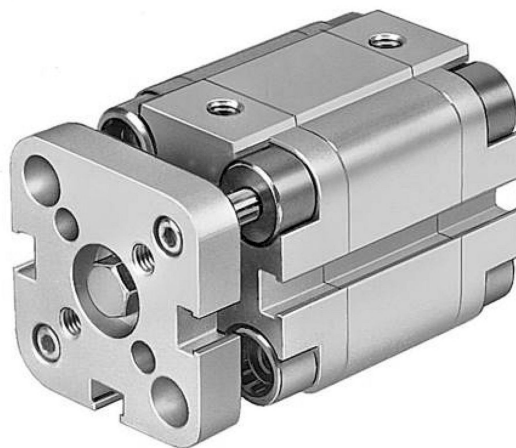
Manufacturer Festo

EAN 4052568121174

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

### TECHNICAL DATA

|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| Ausführungstyp                 | einseitige Kolbenstange                         |
| 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                              |
| Funktion                       | double-acting                                   |
| HS-Code                        | 84123100                                        |
| Hub [mm]                       | 50                                              |
| Medium                         | Compressed air                                  |
| Mounting position              | arbitrary                                       |
| Operating conditions           | ISO 8573-1                                      |
| Pneumatic connection           | M5                                              |
| Position sensing               | Yes                                             |
| Series                         | ADVUL                                           |
| Temperature (max.)             | 80                                              |
| Weight                         | 0.32 kg                                         |



### 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]           | 50                                              |
| Piston diameter       | 20 mm                                           |
| Dampening             | P: Elastic silencer rings / plates double-sided |
| installation position | arbitrary                                       |
| Construction set up   | Piston<br>piston rod                            |
| Position detection    | For proximity switch                            |
| Variants              | One-sided piston rod                            |

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|                                                |                                                           |
|------------------------------------------------|-----------------------------------------------------------|
| Anti-twist lock / guide                        | Guide rod with yoke                                       |
| Operating pressure [bar]                       | 1 to 10                                                   |
| Principle of operation                         | double acting                                             |
| 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]                       | -20 to 80                                                 |
| Impact energy at the end positions [J]         | 0,14                                                      |
| Theoretical force at 6 bar, Return flow [N]    | 141                                                       |
| Theoretical force at 6 bar, flow [N]           | 188                                                       |
| Fastening type                                 | With throughway bores<br>With Accessories<br>Selectively: |
| Pneumatic connection                           | M5                                                        |
| Flush screw material                           | Zinc plated steel                                         |
| Cover material                                 | Aluminium wrought alloy                                   |
| Dynamic seals material                         | NBR<br>TPE-U(PU)                                          |
| Piston rod material                            | High-alloyed stainless steels                             |
| Cylinder tube material                         | Aluminium wrought alloy                                   |