

## Compact Cylinder AEVU-20-20-A-P-A - Festo 156989

Item no. FES-156989

Manufacturer Festo

EAN 4052568122256

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

### TECHNICAL DATA

|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| Ausführungstyp                 | einseitige Kolbenstange                         |
| Betriebsdruck max [bar]        | 10.000000                                       |
| Bohrung (mm)                   | 20.000000                                       |
| Corrosion resistance class CRC | 2 - moderate corrosion stress                   |
| Cushioning                     | P: Elastic silencer rings / plates double-sided |
| Design                         | Piston, piston rod                              |
| Funktion                       | drückend                                        |
| HS-Code                        | 84123100                                        |
| Hub [mm]                       | 20.000000                                       |
| Medium                         | Druckluft                                       |
| Mounting position              | arbitrary                                       |
| Pneumatischer Anschluss        | M5                                              |
| Position sensing               | Yes                                             |
| Serie                          | AEVU                                            |
| Temperature (max.)             | 80                                              |
| Weight                         | 0.22 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]            | 20                                              |
| Piston diameter        | 20 mm                                           |
| Dampening              | P: Elastic silencer rings / plates double-sided |
| installation position  | arbitrary                                       |
| Principle of operation | Pressing<br>single action                       |
| Piston rod end         | Male thread                                     |
| Construction set up    | Piston<br>piston rod                            |
| Position detection     | For proximity switch                            |

**esd.equipment**

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@esd-equipment.com

**esd.equipment**

Page 1/2

|                                                |                                                           |
|------------------------------------------------|-----------------------------------------------------------|
| Variants                                       | One-sided piston rod                                      |
| Operating pressure [bar]                       | 1 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]                       | -20 to 80                                                 |
| Impact energy at the end positions [J]         | 0,14                                                      |
| Theoretical force at 6 bar, flow [N]           | 180                                                       |
| Moving mass at 0 mm stroke [g]                 | 20                                                        |
| Weight supplement per 10 mm stroke [g]         | 23                                                        |
| Base weight at 0 mm stroke [g]                 | 149                                                       |
| Supplement moved mass per 10 mm stroke [g]     | 6                                                         |
| 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                                   |