

# Technical data

**FESTO**

 Condition of use

Part number: 536416  
Order code 1 : AEN-20-25-I-P-A  
Order-ID: C181617

## Technical data

| Feature name   | Value  |
|--|--|
| Stroke   | 25 mm  |
| Piston diameter  | 20 mm  |
| Short type code  | AEN  |
| Cushioning   | Elastic cushioning rings/pads at both ends   |
| Mounting position  | Any  |
| Conforms to standard                                     | ISO 21287  |
| Design   | Piston<br>Piston rod<br>Profile barrel   |
| Position detection                                       | For proximity switch   |
| Operating pressure (MPa)                                 | 0,100...1,000 MPa  |
| Operating pressure (bar)                                 | 1,000...10,000 bar   |
| Operating mode   | Single-acting<br>Pushing<br>Pulling  |
| Operating medium   | Compressed air as per ISO 8573-1:2010 [7:4:4]  |
| Note on operating/pilot medium                           | Lubricated operation possible (required for further use)   |
| Corrosion resistance class KBK                           | Moderate corrosion stress - 2  |
| LABS (PWIS) conformity                                   | VDMA24364-B1/B2-L  |
| Ambient temperature                                      | -20...80 °C  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 105 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advancing  | 152 N  |
| Moving mass  | 38 g   |
| Product weight   | 177 g  |
| Type of mounting   | Alternatively:<br>With through-hole<br>With internal thread<br>"With accessories" means indirect mounting via an intermediate element. |
| Pneumatic connection                                     | M5   |
| Note on materials  | RoHS-compliant   |
| Flange screws material                                   | Steel  |
| Cover material   | Wrought aluminum alloy, anodized   |
| Piston rod material                                      | High-alloy steel   |
| Cylinder barrel material                                 | Wrought aluminum alloy, smooth-anodized  |
| Operating pressure (psi)                                 | 14,500...145,000 psi   |