

# Clamping unit KPE-12

Part number: 178466

**FESTO**



## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Mounting position                        | Any                                                                |
| Clamping type with active direction      | Both sides<br>Clamped by spring, released by compressed air        |
| Structural design                        | Tilting plate                                                      |
| Variants                                 | Piston rod at one end                                              |
| Position sensing                         | None                                                               |
| Safety function                          | Holding and stopping a movement                                    |
| Operating pressure                       | 0.3 MPa...1 MPa<br>3 bar...10 bar<br>43.5 psi...145 psi            |
| Release pressure                         | 0.3 MPa<br>3 bar                                                   |
| Round material to be clamped             | 12 mm                                                              |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)         | 2 - Moderate corrosion stress                                      |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L                                                  |
| Ambient temperature                      | -10 °C...80 °C                                                     |
| Static holding force                     | 600 N                                                              |
| Product weight                           | 270 g                                                              |
| Note on materials                        | RoHS compliant                                                     |
| Seals material                           | NBR<br>TPE-U(PU)                                                   |
| Material of spring                       | Spring steel                                                       |
| Housing material                         | Aluminum<br>Anodized                                               |
| Clamping jaws material                   | Brass                                                              |
| Material of piston                       | POM                                                                |