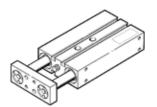
## Twin-piston cylinder DPZ-32-10-P-A-KF Part number: 162131

**FESTO** 

With two parallel piston rods, for proximity sensing, with elastic cushioning rings in end positions.





## **Data sheet**

| Feature                                                  | Value                                                            |
|----------------------------------------------------------|------------------------------------------------------------------|
| Stroke                                                   | 10 mm                                                            |
| Adjustable end-position range/length                     | 10 mm                                                            |
| Piston diameter                                          | 32 mm                                                            |
| Operating mode of drive unit                             | Yoke                                                             |
| Cushioning                                               | P: Flexible cushioning rings/plates at both ends                 |
| Assembly position                                        | Any                                                              |
| Guide                                                    | Recirculating ball bearing guide                                 |
| Design structure                                         | Guide                                                            |
| Position detection                                       | For proximity sensor                                             |
| Operating pressure MPa                                   | 0.1 1 MPa                                                        |
| Working pressure                                         | 1 10 bar                                                         |
| Mode of operation                                        | double-acting                                                    |
| Operating medium                                         | Compressed air in accordance with ISO8573-1:2010 [7:4:4]         |
| Note on operating and pilot medium                       | Lubricated operation possible (subsequently required for further |
|                                                          | operation)                                                       |
| Corrosion resistance classification CRC                  | 0 - No corrosion stress                                          |
| PWIS conformity                                          | VDMA24364-B1/B2-L                                                |
| Ambient temperature                                      | -20 80 °C                                                        |
| Impact energy in end positions                           | 0.5 Nm                                                           |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 724 N                                                            |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance    | 966 N                                                            |
| alternative connections                                  | See product drawing                                              |
| Pneumatic connection                                     | G1/8                                                             |
| Material cover                                           | Wrought Aluminum alloy                                           |
| Material seals                                           | NBR                                                              |
| Material housing                                         | Wrought Aluminum alloy                                           |
| Material piston rod                                      | Case-hardened steel                                              |