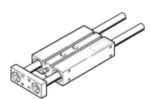
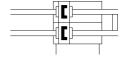
## Twin-piston cylinder DPZ-16-100-P-A-S20 Part number: 159911



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





## **Data sheet**

| Feature                                    | Value  |
|--|--|
| Stroke                                     | 100 mm   |
| Adjustable end-position range/length       | 10 mm  |
| Piston diameter                            | 16 mm  |
| Operating mode of drive unit               | Yoke   |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends                 |
| Assembly position                          | Any  |
| Guide                                      | Plain-bearing guide  |
| Design structure                           | Guide  |
| Position detection                         | For proximity sensor   |
| Variants                                   | through, hollow piston rod                                       |
| 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    | 2  |
| Ambient temperature                        | -20 80 °C  |
| Impact energy in end positions             | 0.15 Nm  |
| Theoretical force at 6 bar, return stroke  | 180 N  |
| Theoretical force at 6 bar, advance stroke | 180 N  |
| alternative connections                    | See product drawing  |
| Pneumatic connection                       | M5   |
| Materials information for cover            | Wrought Aluminum alloy   |
| Materials information for seals            | NBR  |
| Materials information, housing             | Wrought Aluminum alloy   |
| Materials information for piston rod       | High alloy steel, non-corrosive                                  |