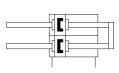
## **Twin-piston cylinder DPZ-10-10-P-A-S2** Part number: 159862

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

## H

## **Data sheet**

| Feature  | Value  |
|--|--|
| Stroke   | 10 mm  |
| Adjustable end-position range/length                     | 10 mm  |
| Piston diameter  | 10 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 piston rod   |
| Operating pressure MPa                                   | 0.25 1 MPa   |
| Working pressure   | 2.5 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 - Moderate corrosion stress                                    |
| PWIS conformity  | VDMA24364-B1/B2-L  |
| Ambient temperature                                      | -20 80 °C  |
| Impact energy in end positions                           | 0.08 Nm  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 60 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance    | 60 N   |
| alternative connections                                  | See product drawing  |
| Pneumatic connection                                     | M5   |
| Material cover   | Wrought Aluminum alloy   |
| Material seals   | NBR  |
| Material housing   | Wrought Aluminum alloy   |
| Material piston rod                                      | High alloy steel, non-corrosive                                  |



## **FESTO**