

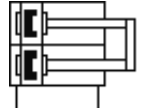
# Twin-piston cylinder

## DPZ-32-10-P-A-S6

Part number: 159852

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                                      | Plain-bearing guide                              |
| Design structure                           | Guide  |
| Position detection                         | For proximity sensor                             |
| Variants                                   | S6: heat-resistant seals to max. 120 °C          |
| Operating pressure                         | 1 ... 10 bar                                     |
| Mode of operation                          | double-acting                                    |
| Operating medium                           | Dried compressed air, lubricated or unlubricated |
| Corrosion resistance classification CRC    | 2  |
| Ambient temperature                        | -20 ... 120 °C                                   |
| Impact energy in end positions             | 0.5 Nm   |
| Theoretical force at 6 bar, return stroke  | 724 N  |
| Theoretical force at 6 bar, advance stroke | 966 N  |
| alternative connections                    | See product drawing                              |
| Pneumatic connection                       | G1/8   |
| Materials information for cover            | Wrought Aluminium alloy                          |
| Materials information for seals            | FPM  |
| Materials information, housing             | Wrought Aluminium alloy                          |
| Materials information for piston rod       | High alloy steel, non-corrosive                  |