

# Standard cylinder DNGL-4"- -PPV-A

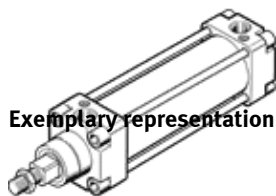
Part number: 549972

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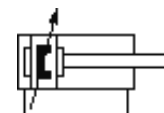
Based on ISO 15552, NF E 49 003.1 and UNI 10 290, For proximity sensing, with adjustable end-position cushioning at both ends.

This product is only available if ordered from the Festo Corporation, USA.

Old part no. 13001702



Exemplary representation



## Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 1 ... 500 mm  |
| Piston diameter                            | 4"  |
| Piston rod thread                          | UNF3/4-16   |
| Based on the standard                      | ISO 15552 (previously also VDMA 24652, ISO 6431, NF E49 003.1, UNI 10290) |
| Cushioning                                 | PPV: Pneumatic cushioning adjustable at both ends                         |
| Assembly position                          | Any   |
| Piston-rod end                             | Male thread   |
| Design structure                           | Piston<br>Piston rod  |
| Position detection                         | For proximity sensor  |
| Variants                                   | Single-ended piston rod   |
| Protection against torque/guide            | Square piston rod   |
| Operating pressure                         | 0.6 ... 10 bar  |
| Mode of operation                          | double-acting   |
| Operating medium                           | Dried compressed air, lubricated or unlubricated                          |
| Corrosion resistance classification CRC    | 2   |
| Ambient temperature                        | -20 ... 80 °C   |
| Cushioning length                          | 30 mm   |
| Theoretical force at 6 bar, return stroke  | 4,418 N   |
| Theoretical force at 6 bar, advance stroke | 4,712 N   |
| Additional weight per 10 mm stroke         | 100 g   |
| Basic weight for 0 mm stroke               | 4,100 g   |
| Mounting type                              | with accessories  |
| Pneumatic connection                       | NPT1/2-14   |
| Materials information for cover            | Aluminium   |
| Materials information for seals            | NBR<br>TPE-U(PU)  |
| Materials information, housing             | Aluminium die cast  |
| Materials information for piston rod       | High alloy steel  |
| Materials information for cylinder barrel  | Wrought Aluminium alloy   |