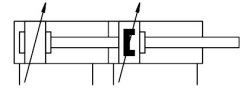


# Tandem cylinder DNCT-50- -PPV-A

Part number: 191108

**FESTO**



## Data sheet

| Feature                                  | Value                                                                     |
|------------------------------------------|---------------------------------------------------------------------------|
| Stroke                                   | 2 mm...500 mm                                                             |
| Piston diameter                          | 50 mm                                                                     |
| Based on norm                            | ISO 15552 (previously also VDMA 24562, ISO 6431, NF E49 003.1, UNI 10290) |
| Cushioning                               | Pneumatic cushioning, adjustable at both ends                             |
| Mounting position                        | Any                                                                       |
| Mode of operation                        | Double-acting                                                             |
| Piston rod end                           | External thread                                                           |
| Structural design                        | Piston<br>Piston rod<br>Profile barrel                                    |
| Position sensing                         | Via proximity switch                                                      |
| Variants                                 | Piston rod at one end                                                     |
| Operating pressure                       | 0.06 MPa...1 MPa<br>0.6 bar...10 bar                                      |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]                             |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use)        |
| Corrosion resistance class (CRC)         | 2 - Moderate corrosion stress                                             |
| LABS (PWIS) conformity                   | VDMA24364-B2-L                                                            |
| Ambient temperature                      | -20 °C...80 °C                                                            |
| Impact energy in the end positions       | 0.2 J                                                                     |
| Cushioning length                        | 22 mm                                                                     |
| Theoretical force at 6 bar, retracting   | 1980 N                                                                    |
| Theoretical force at 6 bar, advancing    | 2168 N                                                                    |
| Type of mounting                         | With accessories                                                          |
| Pneumatic connection                     | G1/4                                                                      |
| Note on materials                        | RoHS compliant                                                            |
| Cover material                           | Die-cast aluminum                                                         |
| Seals material                           | NBR<br>TPE-U(PU)                                                          |
| Housing material                         | Wrought aluminum alloy<br>Smooth-anodized                                 |
| Piston rod material                      | High-alloy steel                                                          |