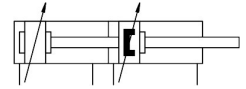


# Tandem cylinder DNCT-125- -PPV-A

Part number: 191112

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                                                      | Value                                                                                      |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Stroke                                                       | 3 mm ... 500 mm                                                                            |
| Piston diameter                                              | 125 mm                                                                                     |
| Based on standard                                            | ISO 15552 (previously also VDMA 24562, ISO 6431, NF E49 003.1, UNI 10290)                  |
| Cushioning                                                   | Pneumatic cushioning, adjustable at both ends                                              |
| Mounting position                                            | optional                                                                                   |
| Mode of operation                                            | Double-acting                                                                              |
| Piston-rod end                                               | Male thread                                                                                |
| Design                                                       | Piston<br>Piston rod<br>Profile barrel                                                     |
| Position detection                                           | Via proximity switch                                                                       |
| Symbol                                                       | 00995911                                                                                   |
| Variants                                                     | Piston rod at one end                                                                      |
| Operating pressure                                           | 0.06 MPa ... 1 MPa                                                                         |
| Operating pressure                                           | 0.6 bar ... 10 bar                                                                         |
| Operating medium                                             | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| Note on operating and pilot medium                           | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                               | 2 - Moderate corrosion stress                                                              |
| LABS (PWIS) conformity                                       | VDMA24364-B2-L                                                                             |
| Ambient temperature                                          | -20 °C ... 80 °C                                                                           |
| Impact energy in end positions                               | 5 J                                                                                        |
| Cushioning length                                            | 42 mm                                                                                      |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 13762 N                                                                                    |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 14244 N                                                                                    |
| Type of mounting                                             | With accessories                                                                           |
| Pneumatic connection                                         | G1/2                                                                                       |
| Note on materials                                            | RoHS-compliant                                                                             |
| Material cover                                               | Die-cast aluminium                                                                         |
| Material seals                                               | NBR<br>TPE-U(PU)                                                                           |
| Material housing                                             | Smooth anodised                                                                            |
| Material piston rod                                          | High-alloy steel                                                                           |