

# Push-in fitting NPQ0-D-M5-Q4-P10

Part number: 8203292

**FESTO**



## Data sheet

| Feature                                         | Value                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Nominal width                                   | 2.5 mm                                                                                                      |
| Tubing insertion depth                          | 14.8 mm                                                                                                     |
| Type of seal on screwed plug                    | O-ring                                                                                                      |
| Mounting position                               | Any                                                                                                         |
| Design                                          | Straight design                                                                                             |
| Pack size                                       | 10                                                                                                          |
| Structural design                               | Push-pull principle                                                                                         |
| Operating pressure for entire temperature range | -0.09 MPa...2 MPa<br>-0.9 bar...20 bar<br>-13.05 psi...290 psi                                              |
| Operating medium                                | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases<br>Carbon dioxide<br>Air<br>Oxygen<br>Nitrogen |
| Corrosion resistance class (CRC)                | 2 - Moderate corrosion stress                                                                               |
| LABS (PWIS) conformity                          | VDMA24364 Zone III                                                                                          |
| For use in the food industry                    | See supplementary material information                                                                      |
| Temperature of medium                           | 0 °C...120 °C                                                                                               |
| Ambient temperature                             | 0 °C...120 °C                                                                                               |
| Biocompatibility according to standard          | ISO 18562                                                                                                   |
| Oxygen suitability according to standard        | ASTM G 93<br>ISO 15001                                                                                      |
| Impurity level, hydrocarbons maximum            | 550 MGM                                                                                                     |
| Max. tightening torque                          | 2.5 Nm                                                                                                      |
| Nominal tightening torque                       | 2.25 Nm                                                                                                     |
| Tolerance for nominal tightening torque         | ±10%                                                                                                        |
| Product weight                                  | 5.41 g                                                                                                      |
| Pneumatic connection 1                          | External thread M5                                                                                          |
| Pneumatic connection 2                          | for pneumatic tubing outside diameter 4 mm                                                                  |
| Ambient temperature Fahrenheit                  | 32 °F...248 °F                                                                                              |
| Releasing ring color                            | White                                                                                                       |
| Material of screwed plug                        | high-alloy stainless steel                                                                                  |

| Feature                         | Value                      |
|---------------------------------|----------------------------|
| Note on materials               | RoHS compliant             |
| Housing material                | high-alloy stainless steel |
| Material of threaded seal       | FPM                        |
| Releasing ring material         | PVDF                       |
| O-ring material                 | FPM                        |
| Material of tubing seal         | FPM                        |
| Material of tube retaining claw | high-alloy stainless steel |
| Thrust ring material            | PVDF                       |