

Push-in connector NPQO-D-Q12-Q10-P5

Part number: 8203320

FESTO



Data sheet

| Feature | Value |
|---|---|
| Nominal width | 9 mm |
| Tubing insertion depth | 22 mm |
| Note on the tubing insertion depth | Ø10 depth 20.1 mm |
| Mounting position | Any |
| Design | Straight design |
| Pack size | 5 |
| Structural design | Push-pull principle |
| Operating pressure for entire temperature range | -0.09 MPa...0.3 MPa -0.9 bar...3 bar -13.05 psi...43.5 psi |
| Temperature-dependent operating pressure | -0.09 MPa...1.2 MPa -0.9 bar...12 bar -13.05 psi...174 psi |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Carbon dioxide Air Oxygen 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...60 °C |
| Biocompatibility according to standard | ISO 18562 |
| Oxygen suitability according to standard | ASTM G 93 ISO 15001 |
| Impurity level, hydrocarbons maximum | 550 MGM |
| Product weight | 21.66 g |
| Pneumatic connection 1 | for pneumatic tubing outside diameter 12 mm |
| Pneumatic connection 2 | for pneumatic tubing outside diameter 10 mm |
| Ambient temperature Fahrenheit | 32 °F...140 °F |
| Releasing ring color | White |
| Note on materials | RoHS-compliant |

| Feature | Value |
|---------------------------------|----------------------------|
| Housing material | PVDF |
| 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 |