

Plug connector NPQR-D-Q6-Q4

Part number: 8085704

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|--|---|
| Size | Standard |
| Nominal width | 3 mm |
| Tubing insertion depth | 14 mm ... 16.1 mm |
| Note on the tubing insertion depth | Ø4 depth 14 mm Ø6 depth 16.1 mm |
| Mounting position | Any |
| Design | Straight design |
| Pack size | 1 |
| Structural design | Push-pull principle |
| Symbol | 00997424 |
| Operating pressure for entire temperature range | -0.095 MPa ... 1.6 MPa |
| Operating pressure for entire temperature range | -0.95 bar ... 16 bar |
| Operating pressure for entire temperature range | -13.775 psi ... 232 psi |
| Information on operating pressure | Water: max. 0.7 MPa at 0 - 80 °C |
| Certificate issuing authority | NSF C0556009 |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free) |
| Information on operating and pilot media | Operation with oil lubrication possible |
| Corrosion resistance class (CRC) | 4 - Particularly high corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Suitability for the production of Li-ion batteries | Metals with more than 1% by mass of copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils |
| Cleanroom class | Class 4 according to ISO 14644-1 |
| For use in the food industry | See declaration of conformity NSF/ANSI 169 |
| Ambient temperature | -20 °C ... 150 °C |
| Product weight | 12 g |
| Pneumatic connection 1 | For pneumatic tubing outside diameter 6 mm |
| Pneumatic connection 2 | for pneumatic tubing outside diameter 4 mm |
| Note on materials | RoHS-compliant |
| Housing material | High-alloy stainless steel |
| Guard ring material | High-alloy stainless steel |

| Feature | Value |
|---------------------------------|----------------------------|
| Releasing ring material | High-alloy stainless steel |
| Material of tubing seal | FPM |
| Material of tube retaining claw | High-alloy stainless steel |
| Thrust ring material | PPSU |