

Push-in fitting NPQR-DK-G18-Q10

Part number: 8087695

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Size | Standard |
| Nominal width | 5.3 mm |
| Tubing insertion depth | 19.35 mm |
| Type of seal on screwed plug | Sealing ring |
| 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 | Suitable for battery production with reduced Cu/Zn/Ni values (F1a) |
| Cleanroom suitability, measured according to ISO 14644-14 | 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 |
| Nominal tightening torque | 6 Nm |
| Tolerance for nominal tightening torque | ± 20% |
| Product weight | 19.1 g |
| Type of mounting | Internal hexagon, AF 5 |
| Pneumatic connection 1 | External thread G1/8 |
| Pneumatic connection 2 | for pneumatic tubing outside diameter 10 mm |
| Releasing ring color | Silver |
| Note on materials | RoHS-compliant |
| Housing material | High-alloy stainless steel |
| Material of threaded seal | FPM |
| Guard ring material | High-alloy stainless steel |
| Releasing ring material | High-alloy stainless steel |

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