

Push in fitting NPQR-DK-G18-Q10

Part number: 8087695

FESTO



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 |
| Operating pressure for entire temperature range | -0.095 MPa...1.6 MPa -0.95 bar...16 bar -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 | Product corresponds to Festo's internal product definition for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, 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 |
| 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 |
| Note on materials | RoHS-compliant |

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