

Push-in fitting NPQE-DK-M7-Q6-F1A-P10

Part number: 8144598

FESTO



Data sheet

| Feature | Value |
|--|---|
| Size | Mini |
| Nominal width | 4 mm |
| Type of seal on screwed plug | Sealing ring |
| Mounting position | Any |
| Design | Straight design |
| Pack size | 10 |
| Structural design | Push-pull principle |
| Variants | Metals with copper, zinc or nickel by mass as main constituent are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils. |
| Operating pressure for entire temperature range | -0.095 MPa...0.8 MPa -0.95 bar...8 bar -13.775 psi...116 psi |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364 zone III |
| 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 |
| Ambient temperature | -5 °C...60 °C |
| Nominal tightening torque | 2 Nm |
| Tolerance for nominal tightening torque | ± 5 % |
| Product weight | 4.02 g |
| Type of mounting | Internal hexagon, AF 4 |
| Pneumatic connection 1 | External thread M7 |
| Pneumatic connection 2 | for pneumatic tubing outside diameter 6 mm |
| Releasing ring color | Blue |
| Note on materials | RoHS-compliant |
| Housing material | High-alloy stainless steel |

| Feature | Value |
|---------------------------------|-----------------------------------|
| Material of threaded seal | NBR High-alloy stainless steel |
| Releasing ring material | POM |
| Material of tubing seal | NBR |
| Material of tube retaining claw | High-alloy stainless steel |