

Push-in fitting NPQE-DK-G18-Q6-F1A-P10

Part number: 8144600

FESTO



 General operating condition

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 |
| Operating pressure for entire temperature range | -0.95 bar ... 8 bar |
| Operating pressure for entire temperature range | -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 | 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 |
| Ambient temperature | -5 °C ... 60 °C |
| Nominal tightening torque | 7 Nm |
| Tolerance for nominal tightening torque | ± 20% |
| Product weight | 6.82 g |
| Type of mounting | Internal hexagon, AF 4 |
| Pneumatic connection 1 | External thread G1/8 |
| 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 |
| Material of threaded seal | Aluminum TPEE |
| Releasing ring material | POM |
| Material of tubing seal | NBR |

| Feature | Value |
|---------------------------------|----------------------------|
| Material of tube retaining claw | High-alloy stainless steel |