

Push-in fitting NPQR-DK-G12-Q16

Part number: 8085671

FESTO



Data sheet

| Feature | Value |
|--|--|
| Size | Standard |
| Nominal size | 12.6 mm |
| Tubing insertion depth | 23.5 mm |
| Type of seal on screwed plug | Sealing ring |
| Mounting position | optional |
| Design | Straight design Push-pull principle |
| Size of pack | 1 |
| Operating pressure complete temperature range | -0.095 MPa...1.2 MPa -0.95 bar...12 bar -13.775 psi...174 psi |
| Note on operating pressure | Water: max. 0.7 MPa at 0 - 80 °C |
| Certificate issuing authority | NSF C0556009 |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free) |
| Note on operating and pilot medium | Lubricated operation possible |
| Corrosion resistance class CRC | 4 - Very high corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Suitability for the production of Li-ion batteries | Product corresponds to the internal product definition from Festo 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, printed circuit boards, cables, electrical plug connectors and coils |
| Cleanroom class | Class 4 according to ISO 14644-1 |
| Suitable for use with food | See declaration of conformity NSF/ANSI 169 |
| Ambient temperature | -5 °C...150 °C |
| Note on ambient temperature | With PUN-H: -20°C - 60°C |
| Nominal torque | 9 Nm |
| Tolerance for nominal tightening torque | ± 20% |
| Product weight | 53 g |
| Type of mounting | Internal hexagon, size 12 mm |
| Pneumatic connection, port 1 | Male thread G1/2 |
| Pneumatic connection, port 2 | For tubing outside diameter of 16 mm |

| Feature | Value |
|---------------------------------|----------------------------|
| Note on materials | RoHS-compliant |
| Material housing | High-alloy stainless steel |
| Material thread seal | FPM |
| Guard ring material | High-alloy stainless steel |
| Material release ring | High-alloy stainless steel |
| Material tubing seal | FPM |
| Material tubing clamp component | High-alloy stainless steel |
| Thrust ring material | PPSU |