

Push-in fitting NPQR-T-G12-Q12

Part number: 8099102

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Size | Standard |
| Nominal size | 10 mm |
| Tubing insertion depth | 17.4 mm |
| Type of seal on screwed plug | Sealing ring |
| Mounting position | optional |
| Design | T-shape |
| Size of pack | 1 |
| Design | Push-pull principle |
| Symbol | 00997424 |
| Operating pressure complete temperature range | -0.095 MPa ... 1.6 MPa |
| Operating pressure complete temperature range | -0.95 bar ... 16 bar |
| Operating pressure complete temperature range | -13.775 psi ... 232 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 | 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 |
| Suitable for use with food | See declaration of conformity NSF/ANSI 169 |
| Ambient temperature | -20 °C ... 150 °C |
| Nominal torque | 9 Nm |
| Tolerance for nominal tightening torque | ± 20% |
| Product weight | 87.7 g |
| Type of mounting | External hexagon, A/F 25 mm |
| Pneumatic connection, port 1 | Male thread G1/2 |
| Pneumatic connection, port 2 | For tubing outer diameter of 12 mm |
| Colour of release ring | Silver |
| 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 |

| Feature | Value |
|---------------------------------|----------------------------|
| Material tubing seal | FPM |
| Material tubing clamp component | High-alloy stainless steel |
| Thrust ring material | PPSU |