# Push-in fitting
# NPQH-D-M7-Q6-P10

Part number: 578337



## Data sheet

| Feature | Value |
|---|---|
| Size | Standard |
| Nominal size | 3 mm |
| Tubing insertion depth | 15.8 mm |
| Type of seal on screwed plug | Sealing ring |
| Mounting position | Any |
| Design | Straight design<br>Push-pull principle |
| Size of pack | 10 |
| Operating pressure complete temperature range | -0.095 MPa...2 MPa<br>-0.95 bar...20 bar<br>-13.775 psi...290 psi |
| Note on operating pressure | Water: max. 0.6 MPa at 0 - 50 °C |
| Certificate issuing authority | NSF C0523185 |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free) |
| Note on operating and pilot medium | Lubricated operation possible |
| Corrosion resistance class CRC | 3 - high corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1 |
| Suitable for use with food | See declaration of conformity<br>NSF/ANSI 169 |
| Ambient temperature | 0 °C...150 °C |
| Nominal torque | 3 Nm |
| Tolerance for nominal tightening torque | ±20% |
| Product weight | 10.2 g |
| Type of mounting | External hex SW12<br>Internal hexagon A/F 3 |
| Pneumatic connection, port 1 | Male thread M7 |
| Pneumatic connection, port 2 | For tubing outside diameter of 6 mm |
| Colour of release ring | Silver |
| Note on materials | RoHS compliant |
| Material housing | Brass, chemically nickel-plated |
| Material thread seal | Fluoro rubber |

| Feature | Value |
|---|---|
| Guard ring material | PEI |
| Material release ring | Chemically nickel-plated brass |
| Material tubing seal | Fluoro rubber |
| Material tubing clamp component | High-alloy stainless steel |
| Thrust ring material | PEI |