# Push-in fitting
# NPQR-L-G12-Q12

Part number: 8085688

## 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 | Any |
| Design | L-shape<br>Push-pull principle |
| Size of pack | 1 |
| Operating pressure complete temperature range | -0.095 MPa...1.6 MPa<br>-0.95 bar...16 bar<br>-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:-:-]<br>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<br>NSF/ANSI 169 |
| Ambient temperature | -20 °C...150 °C |
| Nominal torque | 9 Nm |
| Tolerance for nominal tightening torque | ±20% |
| Product weight | 73.2 g |
| Type of mounting | External hex SW25 |
| 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 | Fluoro rubber |

| Feature | Value |
|---|---|
| Guard ring material | High-alloy stainless steel |
| Material release ring | High-alloy stainless steel |
| Material tubing seal | Fluoro rubber |
| Material tubing clamp component | High-alloy stainless steel |
| Thrust ring material | PPSU |