

# Push-in fitting NPQR-DK-G38-Q10

Part number: 8085667

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal width   | 7.3 mm  |
| Tubing insertion depth                                    | 19.35 mm  |
| Type of seal on screwed plug                              | Sealing ring  |
| Mounting position   | Any   |
| Design  | Straight design   |
| Pack size   | 1   |
| Structural design   | Push-pull principle   |
| Symbol  | 00997424  |
| Operating pressure for entire temperature range           | -0.095 MPa ... 1.6 MPa  |
| Operating pressure for entire temperature range           | -0.95 bar ... 16 bar  |
| Operating pressure for entire temperature range           | -13.775 psi ... 232 psi   |
| Information on operating pressure                         | Water: max. 0.7 MPa at 0 - 80 °C  |
| Certificate issuing authority                             | NSF C0556009  |
| Operating medium  | Compressed air as per ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free) |
| Information on operating and pilot media                  | Operation with oil lubrication possible                                   |
| Corrosion resistance class (CRC)                          | 4 - Particularly 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  |
| For use in the food industry                              | See declaration of conformity<br>NSF/ANSI 169                             |
| Ambient temperature                                       | -20 °C ... 150 °C   |
| Nominal tightening torque                                 | 9 Nm  |
| Tolerance for nominal tightening torque                   | ± 20%   |
| Product weight  | 24.3 g  |
| Type of mounting  | Internal hexagon, AF 7  |
| Pneumatic connection 1                                    | External thread G3/8  |
| Pneumatic connection 2                                    | for pneumatic tubing outside diameter 10 mm                               |
| Releasing ring color                                      | Silver  |
| Note on materials   | RoHS-compliant  |
| Housing material  | High-alloy stainless steel  |
| Material of threaded seal                                 | FPM   |
| Guard ring material                                       | High-alloy stainless steel  |
| Releasing ring material                                   | High-alloy stainless steel  |

| <b>Feature</b>                  | <b>Value</b>               |
|---------------------------------|----------------------------|
| Material of tubing seal         | FPM                        |
| Material of tube retaining claw | High-alloy stainless steel |
| Thrust ring material            | PPSU                       |