

# Push-in fitting NPQR-L-G14-Q8

Part number: 8085684

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Size   | Standard   |
| Nominal size                                       | 6 mm   |
| Tubing insertion depth                             | 13 mm  |
| Type of seal on screwed plug                       | Sealing ring   |
| Mounting position                                  | optional   |
| Design   | L-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:-:-]<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 | Metals with more than 1% copper, zinc or nickel by mass are excluded from use. 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<br>NSF/ANSI 169  |
| Ambient temperature                                | -20 °C ... 150 °C  |
| Nominal torque                                     | 7.5 Nm   |
| Tolerance for nominal tightening torque            | ± 20%  |
| Product weight                                     | 24.4 g   |
| Type of mounting                                   | External hexagon, A/F 15 mm  |
| Pneumatic connection, port 1                       | Male thread G1/4   |
| Pneumatic connection, port 2                       | For tubing outside diameter of 8 mm  |
| Note on materials                                  | RoHS-compliant   |
| Material housing                                   | High-alloy stainless steel   |

| <b>Feature</b>                  | <b>Value</b>               |
|---------------------------------|----------------------------|
| 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                       |