

# Push-in L-fitting NPQH-L-G18-Q6-P10

Part number: 578281

FESTO



 [General operating condition](#)

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal width                                   | 5 mm  |
| Tubing insertion depth                          | 15.8 mm   |
| Type of seal on screwed plug                    | Sealing ring  |
| Mounting position                               | Any   |
| Design  | L-shape   |
| Pack size                                       | 10  |
| Structural design                               | Push-pull principle   |
| Symbol  | 00997424  |
| Operating pressure for entire temperature range | -0.095 MPa ... 2 MPa  |
| Operating pressure for entire temperature range | -0.95 bar ... 20 bar  |
| Operating pressure for entire temperature range | -13.775 psi ... 290 psi   |
| Information on operating pressure               | Water: max. 0.6 MPa at 0 - 50 °C  |
| Certificate issuing authority                   | NSF C0523185  |
| 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)                | 3 - High corrosion stress   |
| LABS (PWIS) conformity                          | VDMA24364-B1/B2-L   |
| Cleanroom class                                 | Class 4 according to ISO 14644-1  |
| For use in the food industry                    | See declaration of conformity<br>NSF/ANSI 169                             |
| Ambient temperature                             | 0 °C ... 150 °C   |
| Nominal tightening torque                       | 6 Nm  |
| Tolerance for nominal tightening torque         | ± 20%   |
| Product weight                                  | 19.3 g  |
| Type of mounting                                | External hexagon, AF 13   |
| Pneumatic connection 1                          | External thread G1/8  |
| Pneumatic connection 2                          | for pneumatic tubing outside diameter 6 mm                                |
| Note on materials                               | RoHS-compliant  |
| Housing material                                | Brass, chemically nickel-plated   |
| Material of threaded seal                       | FPM   |
| Guard ring material                             | PEI   |

| <b>Feature</b>                  | <b>Value</b>                    |
|---------------------------------|---------------------------------|
| Releasing ring material         | Brass, chemically nickel-plated |
| Material of tubing seal         | FPM                             |
| Material of tube retaining claw | High-alloy stainless steel      |
| Thrust ring material            | PEI                             |