

# Push in fitting NPQR-L-M5-Q6

Part number: 8098626

FESTO



 [General operating condition](#)

## Data sheet

| Feature  | Value   |
|--|---|
| Size   | Standard  |
| Nominal width                                      | 2 mm  |
| Tubing insertion depth                             | 13.1 mm   |
| Type of seal on screwed plug                       | Sealing ring  |
| Mounting position                                  | Any   |
| Design   | L-shape   |
| 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 | Metals with more than 1% by mass of 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  |
| For use in the food industry                       | See declaration of conformity<br>NSF/ANSI 169   |
| Ambient temperature                                | -20 °C ... 150 °C   |
| Nominal tightening torque                          | 1 Nm  |
| Tolerance for nominal tightening torque            | ± 20%   |
| Product weight                                     | 13.4 g  |
| Type of mounting                                   | External hexagon, AF 8  |
| Pneumatic connection 1                             | External thread M5  |
| Pneumatic connection 2                             | for pneumatic tubing outside diameter 6 mm  |
| Note on materials                                  | RoHS-compliant  |

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