

**Push-in fitting**  
**NPQH-D-G14F-Q8-P10**  
 Part number: 578357

**FESTO**



**Data sheet**

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal width                                   | 7 mm  |
| Tubing insertion depth                          | 16 mm   |
| Mounting position                               | Any   |
| Design  | Straight design   |
| Pack size                                       | 10  |
| Structural design                               | Push-pull principle   |
| Operating pressure for entire temperature range | -0.095 MPa...2 MPa<br>-0.95 bar...20 bar<br>-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   |
| Product weight                                  | 20.3 g  |
| Type of mounting                                | External hexagon, AF 14   |
| Pneumatic connection 1                          | Internal thread G1/4  |
| Pneumatic connection 2                          | for pneumatic tubing outside diameter 8 mm                                |
| Note on materials                               | RoHS-compliant  |
| Housing material                                | Brass, chemically nickel-plated   |
| Guard ring material                             | PEI   |
| 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   |