

# Push-in T-fitting NPQH-T-G18-Q8-P10

Part number: 578394

FESTO



 General operating condition

## Data sheet

| Feature                                         | Value                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------|
| Size                                            | Standard                                                                  |
| Nominal width                                   | 6 mm                                                                      |
| Tubing insertion depth                          | 16 mm                                                                     |
| Type of seal on screwed plug                    | Sealing ring                                                              |
| Mounting position                               | Any                                                                       |
| Design                                          | T-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                                  | 30.7 g                                                                    |
| Type of mounting                                | External hexagon, AF 13                                                   |
| Pneumatic connection 1                          | External thread G1/8                                                      |
| Pneumatic connection 2                          | for pneumatic tubing outside diameter 8 mm                                |
| Note on materials                               | RoHS-compliant                                                            |
| Housing material                                | Brass, chemically nickel-plated                                           |
| Material of threaded seal                       | FPM                                                                       |
| 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                                                |

| Feature              | Value |
|----------------------|-------|
| Thrust ring material | PEI   |