

# Push-in T-fitting NPQH-T-G14-Q12-P10

Part number: 578398

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal size  | 8.5 mm  |
| Tubing insertion depth                                    | 19.5 mm   |
| Type of seal on screwed plug                              | Sealing ring  |
| Mounting position   | Any   |
| Design  | T-shape   |
| Size of pack  | 10  |
| Design  | Push-pull principle   |
| Symbol  | 00997424  |
| Operating pressure complete temperature range             | -0.095 MPa ... 2 MPa  |
| Operating pressure complete temperature range             | -0.95 bar ... 20 bar  |
| Operating pressure complete temperature range             | -13.775 psi ... 290 psi   |
| Note on operating pressure                                | Water: max. 0.6 MPa at 0 - 50 °C                                      |
| Certificate issuing authority                             | NSF C0523185  |
| 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                            | 3 - high corrosion stress   |
| LABS (PWIS) conformity                                    | VDMA24364-B1/B2-L   |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1                                      |
| Suitable for use with food                                | See declaration of conformity<br>NSF/ANSI 169                         |
| Ambient temperature                                       | 0 °C ... 150 °C   |
| Nominal torque  | 7.5 Nm  |
| Tolerance for nominal tightening torque                   | ±20%  |
| Product weight  | 77.4 g  |
| Type of mounting  | External hex SW20   |
| Pneumatic connection, port 1                              | Male thread G1/4  |
| Pneumatic connection, port 2                              | For tubing outer diameter of 12 mm                                    |
| Colour of release ring                                    | Silver  |
| Note on materials   | RoHS compliant  |
| Material housing  | Brass, chemically nickel-plated                                       |
| Material thread seal                                      | Fluoro rubber   |
| Guard ring material                                       | PEI   |
| Material release ring                                     | Chemically nickel-plated brass  |
| Material tubing seal                                      | Fluoro rubber   |

| Feature                         | Value                      |
|---------------------------------|----------------------------|
| Material tubing clamp component | High-alloy stainless steel |
| Thrust ring material            | PEI                        |