

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

Part number: 578340

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------------|
| Size                                          | Standard                                                              |
| Nominal size                                  | 6 mm                                                                  |
| Tubing insertion depth                        | 16 mm                                                                 |
| Type of seal on screwed plug                  | Sealing ring                                                          |
| Mounting position                             | optional                                                              |
| Design                                        | Straight design                                                       |
| 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 class                               | 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                                | 6 Nm                                                                  |
| Tolerance for nominal tightening torque       | ± 20%                                                                 |
| Product weight                                | 11.9 g                                                                |
| Type of mounting                              | External hexagon, A/F 13 mm<br>Internal hexagon, size 6 mm            |
| Pneumatic connection, port 1                  | Male thread G1/8                                                      |
| Pneumatic connection, port 2                  | For tubing outside diameter of 8 mm                                   |
| Note on materials                             | RoHS-compliant                                                        |
| Material housing                              | Brass, chemically nickel-plated                                       |
| Material thread seal                          | FPM                                                                   |
| Guard ring material                           | PEI                                                                   |
| Material release ring                         | Brass, chemically nickel-plated                                       |
| Material tubing seal                          | FPM                                                                   |

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