

**Push-in fitting**  
**NPQH-D-G38-Q12-P10**  
 Part number: 578347

**FESTO**



**Data sheet**

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal size  | 10 mm   |
| Tubing insertion depth                                    | 19.5 mm   |
| Type of seal on screwed plug                              | Sealing ring  |
| Mounting position   | optional  |
| Design  | Straight design<br>Push-pull principle                                |
| Size of pack  | 10  |
| Operating pressure complete temperature range             | -0.095 MPa...2 MPa<br>-0.95 bar...20 bar<br>-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  | 9 Nm  |
| Tolerance for nominal tightening torque                   | ± 20%   |
| Product weight  | 29.8 g  |
| Type of mounting  | External hexagon, A/F 19 mm<br>Internal hexagon, size 10 mm           |
| Pneumatic connection, port 1                              | Male thread G3/8  |
| 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                                      | FPM   |

| Feature                         | Value                           |
|---------------------------------|---------------------------------|
| Guard ring material             | PEI                             |
| Material release ring           | Brass, chemically nickel-plated |
| Material tubing seal            | FPM                             |
| Material tubing clamp component | High-alloy stainless steel      |
| Thrust ring material            | PEI                             |