

# Push-in fitting NPQH-D-M5-Q6-P10

Part number: 578335

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value   |
|---|---|
| Size  | Standard  |
| Nominal size                                  | 2.5 mm  |
| Tubing insertion depth                        | 15.8 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                                | 1 Nm  |
| Tolerance for nominal tightening torque       | ± 20%   |
| Product weight                                | 11.2 g  |
| Type of mounting                              | External hexagon, size 12 mm<br>Internal hexagon, size 2.5 mm         |
| Pneumatic connection, port 1                  | Male thread M5  |
| Pneumatic connection, port 2                  | For tubing outside diameter of 6 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                        |