

# Bulkhead fitting NPQH-H-G14F-Q6-P10

Part number: 578297

FESTO



 General operating condition

## Data sheet

| Feature                                                   | Value                                                                     |
|-----------------------------------------------------------|---------------------------------------------------------------------------|
| Size                                                      | Standard                                                                  |
| Nominal width                                             | 5 mm                                                                      |
| Tubing insertion depth                                    | 15.8 mm                                                                   |
| Mounting position                                         | Any                                                                       |
| Design                                                    | Bulkhead                                                                  |
| 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                  | 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                                          |
| For use in the food industry                              | See declaration of conformity<br>NSF/ANSI 169                             |
| Ambient temperature                                       | 0 °C ... 150 °C                                                           |
| Product weight                                            | 36.4 g                                                                    |
| Type of mounting                                          | External hexagon SW18                                                     |
| Pneumatic connection 1                                    | Internal thread G1/4                                                      |
| Pneumatic connection 2                                    | for pneumatic tubing outside diameter 6 mm                                |
| Note on materials                                         | RoHS compliant                                                            |
| Housing material                                          | Brass, chemically nickel-plated                                           |
| Guard ring material                                       | PEI                                                                       |
| Releasing ring material                                   | Brass, chemically nickel-plated                                           |
| Nut material                                              | Brass, chemically nickel-plated                                           |
| Material of tubing seal                                   | FPM                                                                       |
| Material of tube retaining claw                           | high-alloy stainless steel                                                |
| Thrust ring material                                      | PEI                                                                       |