

# Connector NPQH-D-S10-Q6-P10

Part number: 578308

FESTO



 General operating condition

## Data sheet

| Feature                                                   | Value                                                                 |
|-----------------------------------------------------------|-----------------------------------------------------------------------|
| Size                                                      | Standard                                                              |
| Nominal size                                              | 5.5 mm                                                                |
| Tubing insertion depth                                    | 15.8 mm                                                               |
| Mounting position                                         | Any                                                                   |
| 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 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                                                       |
| Product weight                                            | 16.8 g                                                                |
| Pneumatic connection, port 1                              | Push-in sleeve Ø 10 mm                                                |
| Pneumatic connection, port 2                              | For tubing outside diameter of 6 mm                                   |
| Colour of release ring                                    | Silver                                                                |
| Note on materials                                         | RoHS compliant                                                        |
| Material housing                                          | Brass, chemically nickel-plated                                       |
| Guard ring material                                       | PEI                                                                   |
| Material release ring                                     | Chemically nickel-plated brass                                        |
| Material tubing seal                                      | Fluoro rubber                                                         |
| Material tubing clamp component                           | High-alloy stainless steel                                            |
| Thrust ring material                                      | PEI                                                                   |