

# Push-in connector NPQ0-D-Q10-Q8-P5

Part number: 8203318

FESTO



## Data sheet

| Feature                                       | Value   |
|---|---|
| Nominal size                                  | 7 mm  |
| Tubing insertion depth                        | 20.1 mm   |
| Note on the tubing insertion depth            | Ø8 depth 17.6 mm  |
| Mounting position                             | optional  |
| Design  | Straight design<br>Push-pull principle  |
| Size of pack                                  | 5   |
| Operating pressure complete temperature range | -0.09 MPa...0.3 MPa<br>-0.9 bar...3 bar<br>-13.05 psi...43.5 psi  |
| Temperature-dependent operating pressure      | -0.09 MPa...1.2 MPa<br>-0.9 bar...12 bar<br>-13.05 psi...174 psi  |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gases<br>Carbon dioxide<br>Air<br>Oxygen<br>Nitrogen |
| Corrosion resistance class CRC                | 2 - Moderate corrosion stress   |
| LABS (PWIS) conformity                        | VDMA24364 zone III  |
| Suitable for use with food                    | See supplementary material information  |
| Media temperature                             | 0 °C...120 °C   |
| Ambient temperature                           | 0 °C...60 °C<br>32 °F...140 °F  |
| Biocompatibility according to standard        | ISO 18562   |
| Oxygen suitability according to standard      | ASTM G 93<br>ISO 15001  |
| Maximum impurity level for hydrocarbons       | 550 MGM   |
| Product weight                                | 13.57 g   |
| Pneumatic connection, port 1                  | For tubing outer diameter of 10 mm  |
| Pneumatic connection, port 2                  | For tubing outside diameter of 8 mm   |
| Colour of release ring                        | White   |
| Note on materials                             | RoHS-compliant  |
| Material housing                              | PVDF  |

| <b>Feature</b>                  | <b>Value</b>               |
|---------------------------------|----------------------------|
| Material release ring           | PVDF                       |
| Material o-ring                 | FPM                        |
| Material tubing seal            | FPM                        |
| Material tubing clamp component | High-alloy stainless steel |
| Thrust ring material            | PVDF                       |