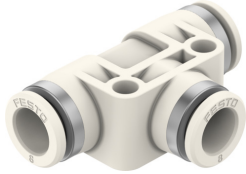


# Push-in T-connector NPQO-T-Q8-E-P10

Part number: 8203328

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value                                                                                                   |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Nominal size                                  | 7 mm                                                                                                    |
| Tubing insertion depth                        | 17.6 mm                                                                                                 |
| Mounting position                             | optional                                                                                                |
| Design                                        | T-shape                                                                                                 |
| Size of pack                                  | 10                                                                                                      |
| Design                                        | Push-pull principle                                                                                     |
| Variants                                      | With mounting holes                                                                                     |
| Operating pressure complete temperature range | -0.09 MPa ... 0.3 MPa                                                                                   |
| Operating pressure complete temperature range | -0.9 bar ... 3 bar                                                                                      |
| Operating pressure complete temperature range | -13.05 psi ... 43.5 psi                                                                                 |
| Temperature-dependent operating pressure      | -0.09 MPa ... 1.6 MPa                                                                                   |
| Temperature-dependent operating pressure      | -0.9 bar ... 16 bar                                                                                     |
| Temperature-dependent operating pressure      | -13.05 psi ... 232 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                                                                                          |
| Biocompatibility according to standard        | ISO 18562                                                                                               |
| Oxygen suitability according to standard      | ASTM G 93<br>ISO 15001                                                                                  |
| Maximum impurity level for hydrocarbons       | 550 mg/m <sup>2</sup>                                                                                   |
| Product weight                                | 15.98 g                                                                                                 |
| Pneumatic connection, port 1                  | For tubing outer diameter of 8 mm                                                                       |
| Pneumatic connection, port 2                  | For tubing outside diameter of 8 mm                                                                     |
| Ambient temperature                           | 32 °F ... 140 °F                                                                                        |
| Colour of release ring                        | White                                                                                                   |
| Note on materials                             | RoHS-compliant                                                                                          |
| Material housing                              | PVDF                                                                                                    |
| Material release ring                         | PVDF                                                                                                    |
| Material o-ring                               | FPM                                                                                                     |

| Feature                         | Value                      |
|---------------------------------|----------------------------|
| Material tubing seal            | FPM                        |
| Material tubing clamp component | High-alloy stainless steel |
| Thrust ring material            | PVDF                       |