

# Push-in T-fitting QSTL-G1/4-8

Part number: 186172

**FESTO**



## Data sheet

| Feature                                                   | Value                                                                                                            |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Size                                                      | Standard                                                                                                         |
| Nominal width                                             | 6.7 mm                                                                                                           |
| Tubing insertion depth                                    | 18.1 mm                                                                                                          |
| Type of seal on screwed plug                              | Sealing ring                                                                                                     |
| Mounting position                                         | Any                                                                                                              |
| Design                                                    | L-shape, additional push-in connector, lengthwise                                                                |
| Pack size                                                 | 10                                                                                                               |
| Structural design                                         | Push-pull principle                                                                                              |
| Operating pressure for entire temperature range           | -0.095 MPa...0.6 MPa<br>-0.95 bar...6 bar<br>-13.775 psi...87 psi                                                |
| Temperature-dependent operating pressure                  | -0.095 MPa...1.4 MPa<br>-0.95 bar...14 bar<br>-13.775 psi...203 psi                                              |
| Information on operating pressure                         | Water: max. 0.6 MPa at max. 50 °C                                                                                |
| 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<br>Water: G-thread only possible with sealing ring type OL as additional accessory |
| Corrosion resistance class (CRC)                          | 1 - Low corrosion stress                                                                                         |
| LABS (PWIS) conformity                                    | VDMA24364-B1/B2-L                                                                                                |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1                                                                                 |
| Ambient temperature                                       | -10 °C...80 °C                                                                                                   |
| Nominal tightening torque                                 | 9 Nm                                                                                                             |
| Tolerance for nominal tightening torque                   | ±20%                                                                                                             |
| Product weight                                            | 27 g                                                                                                             |
| No. of outlets                                            | 2                                                                                                                |
| No. of supply lines                                       | 1                                                                                                                |
| Type of mounting                                          | External hexagon SW17                                                                                            |
| Pneumatic connection 1                                    | External thread G1/4                                                                                             |
| Pneumatic connection 2                                    | for pneumatic tubing outside diameter 8 mm                                                                       |
| Releasing ring color                                      | Blue                                                                                                             |

| Feature                         | Value                      |
|---------------------------------|----------------------------|
| Material of screwed plug        | Brass, nickel-plated       |
| Note on materials               | RoHS compliant             |
| Housing material                | PBT                        |
| Releasing ring material         | POM                        |
| Material of tubing seal         | NBR                        |
| Material of tube retaining claw | high-alloy stainless steel |