

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

Part number: 186203

FESTO



## Data sheet

 General operating condition

| Feature   | Value  |
|---|--|
| Size  | Standard   |
| Nominal size  | 6 mm   |
| Tubing insertion depth                                    | 18.1 mm  |
| Type of seal on screwed plug                              | Sealing ring   |
| Mounting position   | Any  |
| Design  | L-shape, additional connection, female thread, lengthwise  |
| Size of pack  | 1  |
| Design  | Push-pull principle  |
| Operating pressure complete temperature range             | -0.095 MPa ... 0.6 MPa   |
| Operating pressure complete temperature range             | -0.95 bar ... 6 bar  |
| Operating pressure complete temperature range             | -13.775 psi ... 87 psi   |
| Temperature-dependent operating pressure                  | -0.095 MPa ... 1.4 MPa   |
| Temperature-dependent operating pressure                  | -0.95 bar ... 14 bar   |
| Temperature-dependent operating pressure                  | -13.775 psi ... 203 psi  |
| Note on operating pressure                                | Water: max. 0.6 MPa at max. 50°C   |
| Operating medium  | Compressed air to ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free)  |
| Note on operating and pilot medium                        | 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 torque  | 9 Nm   |
| Tolerance for nominal tightening torque                   | ±20%   |
| Product weight  | 44 g   |
| Number of outputs   | 2  |
| Number of supply lines                                    | 1  |
| Type of mounting  | External hex SW19  |
| Pneumatic connection, port 1                              | Male thread G1/4   |
| Pneumatic connection, port 2                              | Female thread G1/4<br>For tubing outside diameter of 8 mm  |
| Colour of release ring                                    | Blue   |
| Note on materials   | RoHS compliant   |
| Material housing  | PBT  |
| Material hollow bolt                                      | Brass, nickel-plated   |

| <b>Feature</b>                  | <b>Value</b>               |
|---------------------------------|----------------------------|
| Material release ring           | POM                        |
| Material tubing seal            | NBR                        |
| Material tubing clamp component | High-alloy stainless steel |