

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

Part number: 186202

FESTO



## Data sheet

 General operating condition

| Feature   | Value  |
|---|--|
| Size  | Standard   |
| Nominal width   | 5.6 mm   |
| Tubing insertion depth                                    | 18.1 mm  |
| Type of seal on screwed plug                              | Sealing ring   |
| Mounting position   | Any  |
| Design  | L-shape, additional connection internal thread lengthwise  |
| Pack size   | 1  |
| Structural design   | Push-pull principle  |
| Operating pressure for entire temperature range           | -0.095 MPa ... 0.6 MPa   |
| Operating pressure for entire temperature range           | -0.95 bar ... 6 bar  |
| Operating pressure for entire 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  |
| 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                  | Operation with oil lubrication 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                                 | 5.4 Nm   |
| Tolerance for nominal tightening torque                   | ± 20%  |
| Product weight  | 23 g   |
| No. of outlets  | 2  |
| No. of supply lines                                       | 1  |
| Type of mounting  | External hexagon, AF 14  |
| Pneumatic connection 1                                    | External thread G1/8   |
| Pneumatic connection 2                                    | Female thread 1/8 NPT<br>for pneumatic tubing outside diameter 8 mm  |
| Releasing ring color                                      | Blue   |
| Note on materials   | RoHS-compliant   |
| Housing material  | PBT  |
| Hollow bolt material                                      | Brass, nickel-plated   |

| <b>Feature</b>                  | <b>Value</b>               |
|---------------------------------|----------------------------|
| Releasing ring material         | POM                        |
| Material of tubing seal         | NBR                        |
| Material of tube retaining claw | High-alloy stainless steel |