

# Push-in fitting QS-G1/8-6-I-100

Part number: 133009

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Size  | Standard   |
| Nominal width   | 4.2 mm   |
| Tubing insertion depth                                    | 17 mm  |
| Type of seal on screwed plug                              | Sealing ring   |
| Mounting position   | Any  |
| Design  | Straight design  |
| Pack size   | 100  |
| 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  | 8.3 g  |
| Type of mounting  | Internal hexagon, AF 4   |
| Pneumatic connection 1                                    | External thread G1/8   |
| Pneumatic connection 2                                    | for pneumatic tubing outside diameter 6 mm   |
| Releasing ring color                                      | Blue   |
| Note on materials   | RoHS-compliant   |
| Housing material  | Brass, nickel-plated   |
| Releasing ring material                                   | POM  |
| Material of tubing seal                                   | NBR  |
| Material of tube retaining claw                           | High-alloy stainless steel   |