

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

Part number: 133009

FESTO



Data sheet

| Feature | Value |
|---|--|
| Size | Standard |
| Nominal width | 4.2 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 -0.95 bar...6 bar -13.775 psi...87 psi |
| Temperature-dependent operating pressure | -0.095 MPa...1.4 MPa -0.95 bar...14 bar -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::-] Water (liquid, ice-free) |
| Information on operating and pilot media | Operation with oil lubrication possible 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 class | 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 |

| Feature | Value |
|---------------------------------|----------------------------|
| Material of tubing seal | NBR |
| Material of tube retaining claw | High-alloy stainless steel |