# Push-in fitting
# QSF-1/2-12-B

Part number: 190653



## Data sheet

| Feature | Value |
|---|---|
| Size | Standard |
| Nominal width | 11 mm |
| Tubing insertion depth | 23.3 mm |
| Type of seal on screwed plug | Coating |
| Mounting position | Any |
| Design | Straight design |
| Pack size | 1 |
| 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 |
| 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 |
| Product weight | 56 g |
| Type of mounting | External hexagon SW24 |
| Pneumatic connection 1 | Internal thread G1/2 |
| Pneumatic connection 2 | for pneumatic tubing outside diameter 12 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 |