

# Push-in fitting QS-1/2-12

Part number: 153010

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal width                                   | 11 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  |
| 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                                   |
| Corrosion resistance class (CRC)                | 1 - Low corrosion stress  |
| LABS (PWIS) conformity                          | VDMA24364-B1/B2-L   |
| Ambient temperature                             | -10 °C ... 80 °C  |
| Nominal tightening torque                       | 26 Nm   |
| Tolerance for nominal tightening torque         | ± 20%   |
| Product weight                                  | 44 g  |
| Type of mounting                                | External hexagon, AF 21   |
| Pneumatic connection 1                          | External thread R1/2  |
| 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  |