

# Push-in fitting QSM-1/8-6-I

Part number: 153318

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Mini  |
| Nominal width                                   | 4.1 mm  |
| Tubing insertion depth                          | 12 mm   |
| Type of seal on screwed plug                    | Coating                                       |
| Mounting position                               | Any   |
| Design  | Straight design                               |
| Pack size                                       | 10  |
| 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                       |
| Operating medium                                | Compressed air as per ISO 8573-1:2010 [7:-:-] |
| 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                       | 7 Nm  |
| Tolerance for nominal tightening torque         | ± 20%   |
| Product weight                                  | 5.6 g   |
| Type of mounting                                | Internal hexagon, AF 4                        |
| Pneumatic connection 1                          | External thread R1/8                          |
| 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                    |