

# Push-in fitting QSM-M7-6-I-R

Part number: 133007

**FESTO**



## Data sheet

| Feature                                         | Value                                                               |
|-------------------------------------------------|---------------------------------------------------------------------|
| Size                                            | Mini                                                                |
| Nominal width                                   | 4.1 mm                                                              |
| Tubing insertion depth                          | 12 mm                                                               |
| Type of seal on screwed plug                    | Sealing ring                                                        |
| Mounting position                               | Any                                                                 |
| Design                                          | Straight design, round releasing ring                               |
| Pack size                                       | 10                                                                  |
| 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 |
| Operating medium                                | Compressed air as per ISO 8573-1:2010 [7:::]                        |
| Information on operating and pilot media        | Lubricated operation 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                       | 2.2 Nm                                                              |
| Tolerance for nominal tightening torque         | ±20%                                                                |
| Product weight                                  | 6.4 g                                                               |
| Type of mounting                                | Internal hexagon, AF 4                                              |
| Pneumatic connection 1                          | External thread M7                                                  |
| 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                                          |