

# Push-in fitting QSM-M5-3-I-R

Part number: 133003

FESTO



 General operating condition

## Data sheet

| Feature                                         | Value                                        |
|-------------------------------------------------|----------------------------------------------|
| Size                                            | Mini                                         |
| Nominal width                                   | 1.9 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                       |
| 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                       | 1.2 Nm                                       |
| Tolerance for nominal tightening torque         | ± 20%                                        |
| Product weight                                  | 3.2 g                                        |
| Type of mounting                                | Internal hexagon, AF 2                       |
| Pneumatic connection 1                          | External thread M5                           |
| Pneumatic connection 2                          | for pneumatic tubing outside diameter 3 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                   |