

# Push-in fitting QSM-M3-1/8-I-U-M

Part number: 183751

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Mini  |
| Nominal width                                   | 1.499 mm                                      |
| Type of seal on screwed plug                    | Sealing ring                                  |
| Mounting position                               | Any   |
| Design  | Straight design                               |
| Pack size                                       | 1   |
| Structural design                               | Push-pull principle                           |
| Operating pressure for entire temperature range | -0.095 MPa ... 1 MPa                          |
| Operating pressure for entire temperature range | -0.95 bar ... 10 bar                          |
| Operating pressure for entire temperature range | -13.775 psi ... 145 psi                       |
| Maritime classification                         | See certificate                               |
| 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                             | 0 °C ... 60 °C                                |
| Nominal tightening torque                       | 0.48 Nm                                       |
| Tolerance for nominal tightening torque         | ± 55%   |
| Product weight                                  | 2.296 g                                       |
| Type of mounting                                | Internal hexagon, AF 1.5                      |
| Pneumatic connection 1                          | External thread M3                            |
| Pneumatic connection 2                          | for pneumatic tubing outside diameter 1/8"    |
| Ambient temperature Fahrenheit                  | 32 °F ... 140 °F                              |
| Releasing ring color                            | Gray  |
| Note on materials                               | RoHS-compliant                                |
| Housing material                                | Brass<br>Nickel-plated                        |
| Releasing ring material                         | POM   |
| Material of tubing seal                         | NBR   |
| Material of tube retaining claw                 | High-alloy stainless steel                    |