

# Push-in fitting QB-1/2-3/8-U

Part number: 533283

FESTO



 General operating condition

## Data sheet

| Feature                                         | Value                                         |
|-------------------------------------------------|-----------------------------------------------|
| Size                                            | Standard                                      |
| Nominal width                                   | 8.001 mm                                      |
| Type of seal on screwed plug                    | Coating                                       |
| Mounting position                               | Any                                           |
| Design                                          | Straight design                               |
| Pack size                                       | 5                                             |
| 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                        |
| 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 zone III                            |
| Ambient temperature                             | 0 °C ... 60 °C                                |
| Max. tightening torque                          | 28 Nm                                         |
| Product weight                                  | 50.406 g                                      |
| Type of mounting                                | External hexagon 7/8<br>Hex socket 5/16       |
| Pneumatic connection 1                          | external thread 1/2 NPT                       |
| Pneumatic connection 2                          | for pneumatic tubing outside diameter 3/8"    |
| Ambient temperature Fahrenheit                  | 32 °F ... 140 °F                              |
| Releasing ring color                            | Gray                                          |
| Note on materials                               | RoHS-compliant                                |
| Housing material                                | Brass, nickel-plated                          |
| Material of threaded seal                       | PTFE                                          |
| Releasing ring material                         | POM                                           |
| Material of tubing seal                         | NBR                                           |
| Material of tube retaining claw                 | High-alloy stainless steel                    |