

# Push-in T-fitting QBT-1/8-1/4-U

Part number: 533311

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Standard                                      |
| Nominal width                                   | 4.496 mm                                      |
| Type of seal on screwed plug                    | Coating                                       |
| Mounting position                               | Any   |
| Design  | T-shape                                       |
| Pack size                                       | 10  |
| 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                          | 7 Nm  |
| Product weight                                  | 16.386 g                                      |
| Type of mounting                                | External hexagon 1/2                          |
| Pneumatic connection 1                          | external thread 1/8 NPT                       |
| Pneumatic connection 2                          | for pneumatic tubing outer diameter 1/4"      |
| Ambient temperature Fahrenheit                  | 32 °F ... 140 °F                              |
| Releasing ring color                            | Gray  |
| Note on materials                               | RoHS-compliant                                |
| Housing material                                | Brass, nickel-plated<br>PBT                   |
| Material of threaded seal                       | PTFE  |
| Releasing ring material                         | POM   |
| Material of tubing seal                         | NBR   |
| Material of tube retaining claw                 | High-alloy stainless steel                    |