

# Push-in T-fitting QST-V0-1/2-10

Part number: 160531

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Size  | Standard   |
| Nominal width                                   | 8.3 mm   |
| Material fire test                              | UL94 V-0 (housing)<br>UL94 V-0 (releasing ring)                          |
| Type of seal on screwed plug                    | Coating  |
| Design  | T-shape  |
| 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  |
| Information on operating pressure               | Water: max. 0.6 MPa at max. 50 °C  |
| Operating medium                                | Compressed air as per ISO 8573-1:2010 [7:~:]<br>Water (liquid, ice-free) |
| Information on operating and pilot media        | Operation with oil lubrication possible                                  |
| Corrosion resistance class (CRC)                | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                          | VDMA24364-B1/B2-L  |
| Ambient temperature                             | 0 °C ... 60 °C   |
| Product weight                                  | 68 g   |
| Type of mounting                                | External hexagon, AF 21  |
| Pneumatic connection 1                          | External thread R1/2   |
| Pneumatic connection 2                          | for pneumatic tubing outside diameter 10 mm                              |
| Releasing ring color                            | Black  |
| Material of screwed plug                        | Brass, nickel-plated   |
| Note on materials                               | RoHS-compliant   |
| Housing material                                | PBT  |
| Releasing ring material                         | PBT  |
| Material of tubing seal                         | NBR  |
| Material of tube retaining claw                 | High-alloy stainless steel<br>Brass                                      |