

# Push-in T-fitting QST-V0-1/4-6

Part number: 160524

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                       | Value                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------------|
| Size                                          | Standard                                                              |
| Nominal size                                  | 4.3 mm                                                                |
| Fire test material                            | UL94 V-0 (housing)<br>UL94 V-0 (releasing ring)                       |
| Type of seal on screwed plug                  | Coating                                                               |
| Design                                        | T-shape                                                               |
| Size of pack                                  | 10                                                                    |
| Design                                        | Push-pull principle                                                   |
| Operating pressure complete temperature range | -0.095 MPa ... 1 MPa                                                  |
| Operating pressure complete temperature range | -0.95 bar ... 10 bar                                                  |
| Operating pressure complete temperature range | -13.775 psi ... 145 psi                                               |
| Note on operating pressure                    | Water: max. 0.6 MPa at max. 50°C                                      |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free) |
| Note on operating and pilot medium            | Lubricated operation possible                                         |
| Corrosion resistance class CRC                | 2 - Moderate corrosion stress                                         |
| LABS (PWIS) conformity                        | VDMA24364-B1/B2-L                                                     |
| Ambient temperature                           | 0 °C ... 60 °C                                                        |
| Nominal torque                                | 9 Nm                                                                  |
| Tolerance for nominal tightening torque       | ± 20%                                                                 |
| Product weight                                | 24 g                                                                  |
| Type of mounting                              | External hexagon, size 14 mm                                          |
| Pneumatic connection, port 1                  | Male thread R1/4                                                      |
| Pneumatic connection, port 2                  | For tubing outside diameter of 6 mm                                   |
| Colour of release ring                        | Black                                                                 |
| Material screwed plug                         | Nickel-plated brass                                                   |
| Note on materials                             | RoHS-compliant                                                        |
| Material housing                              | PBT                                                                   |
| Material release ring                         | PBT                                                                   |
| Material tubing seal                          | NBR                                                                   |
| Material tubing clamp component               | High-alloy stainless steel<br>Brass                                   |