

# Push-in fitting QS-V0-1/4-8

Part number: 160503

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value   |
|---|---|
| Size  | Standard  |
| Nominal size                                  | 7 mm  |
| Fire test material                            | UL94 V-0 (housing)<br>UL94 V-0 (releasing ring)                       |
| Type of seal on screwed plug                  | Coating   |
| Design  | Straight design   |
| 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  |
| Product weight                                | 15 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 8 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                                   |