

# Push-in fitting QS-1/8-10

Part number: 190643

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------------|
| Size                                          | Standard                                                              |
| Nominal size                                  | 6 mm                                                                  |
| Type of seal on screwed plug                  | Coating                                                               |
| Mounting position                             | optional                                                              |
| Design                                        | Straight design                                                       |
| Size of pack                                  | 10                                                                    |
| Design                                        | Push-pull principle                                                   |
| Operating pressure complete temperature range | -0.095 MPa ... 0.6 MPa                                                |
| Operating pressure complete temperature range | -0.95 bar ... 6 bar                                                   |
| Operating pressure complete temperature range | -13.775 psi ... 87 psi                                                |
| Temperature-dependent operating pressure      | -0.095 MPa ... 1.4 MPa                                                |
| Temperature-dependent operating pressure      | -0.95 bar ... 14 bar                                                  |
| Temperature-dependent operating pressure      | -13.775 psi ... 203 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                | 1 - Low corrosion stress                                              |
| LABS (PWIS) conformity                        | VDMA24364-B1/B2-L                                                     |
| Ambient temperature                           | -10 °C ... 80 °C                                                      |
| Nominal torque                                | 7 Nm                                                                  |
| Tolerance for nominal tightening torque       | ± 20%                                                                 |
| Product weight                                | 21 g                                                                  |
| Type of mounting                              | External hexagon, size 17 mm                                          |
| Pneumatic connection, port 1                  | Male thread R1/8                                                      |
| Pneumatic connection, port 2                  | For tubing outside diameter of 10 mm                                  |
| Colour of release ring                        | Blue                                                                  |
| Note on materials                             | RoHS-compliant                                                        |
| Material housing                              | Brass, nickel-plated                                                  |
| Material release ring                         | POM                                                                   |
| Material tubing seal                          | NBR                                                                   |
| Material tubing clamp component               | High-alloy stainless steel                                            |