

# Push-in fitting QS-G3/8-12

Part number: 186103

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value  |
|---|--|
| Size  | Standard   |
| Nominal size                                  | 11 mm  |
| Tubing insertion depth                        | 23.3 mm  |
| Type of seal on screwed plug                  | Sealing ring   |
| 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<br>Water: G-thread only possible with sealing ring type OL as additional accessory |
| Corrosion resistance class CRC                | 1 - Low corrosion stress   |
| LABS (PWIS) conformity                        | VDMA24364-B1/B2-L  |
| Ambient temperature                           | -10 °C ... 80 °C   |
| Nominal torque                                | 15.5 Nm  |
| Tolerance for nominal tightening torque       | ± 20%  |
| Product weight                                | 33 g   |
| Type of mounting                              | External hexagon, size 21 mm   |
| Pneumatic connection, port 1                  | Male thread G3/8   |
| Pneumatic connection, port 2                  | For tubing outer diameter of 12 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   |