

# Push-in fitting QSW-3/8-12

Part number: 130603

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal size  | 9.5 mm  |
| Tubing insertion depth                                    | 23.4 mm   |
| Type of seal on screwed plug                              | Coating   |
| Mounting position   | optional  |
| Design  | 45° angle   |
| 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   |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1                                      |
| Ambient temperature                                       | -10 °C ... 80 °C  |
| Product weight  | 38 g  |
| Type of mounting  | External hexagon, size 17 mm  |
| Pneumatic connection, port 1                              | Male thread R3/8  |
| Pneumatic connection, port 2                              | For tubing outer diameter of 12 mm                                    |
| Colour of release ring                                    | Blue  |
| Material screwed plug                                     | Nickel-plated brass   |
| Note on materials   | RoHS-compliant  |
| Material housing  | PBT   |
| Material release ring                                     | POM   |
| Material tubing seal                                      | NBR   |
| Material tubing clamp component                           | High-alloy stainless steel  |