

# Push-in fitting QS-1/8-6

Part number: 153002

FESTO



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## Data sheet

| Feature                                                   | Value                                                                 |
|-----------------------------------------------------------|-----------------------------------------------------------------------|
| Size                                                      | Standard                                                              |
| Nominal size                                              | 5 mm                                                                  |
| Tubing insertion depth                                    | 17 mm                                                                 |
| Type of seal on screwed plug                              | Coating                                                               |
| Mounting position                                         | Any                                                                   |
| 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                                                     |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1                                      |
| Ambient temperature                                       | -10 °C ... 80 °C                                                      |
| Product weight                                            | 8.2 g                                                                 |
| Type of mounting                                          | External hex SW12                                                     |
| Pneumatic connection, port 1                              | Male thread R1/8                                                      |
| Pneumatic connection, port 2                              | For tubing outside diameter of 6 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                                            |