

# Push-in L-fitting QSLV-G1/8-6

Part number: 186138

**FESTO**



## Data sheet

| Feature                                                  | Value                                                                                                            |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Size                                                     | Standard                                                                                                         |
| Nominal width                                            | 4 mm                                                                                                             |
| Tubing insertion depth                                   | 17 mm                                                                                                            |
| Type of seal on screwed plug                             | Sealing ring                                                                                                     |
| Mounting position                                        | Any                                                                                                              |
| Design                                                   | L-shape                                                                                                          |
| Pack size                                                | 10                                                                                                               |
| Structural design                                        | Push-pull principle                                                                                              |
| Operating pressure for entire temperature range          | -0.095 MPa...0.6 MPa<br>-0.95 bar...6 bar<br>-13.775 psi...87 psi                                                |
| Temperature-dependent operating pressure                 | -0.095 MPa...1.4 MPa<br>-0.95 bar...14 bar<br>-13.775 psi...203 psi                                              |
| Information on operating pressure                        | Water: max. 0.6 MPa at max. 50 °C                                                                                |
| Operating medium                                         | Compressed air as per ISO 8573-1:2010 [7:::]<br>Water (liquid, ice-free)                                         |
| Information on operating and pilot media                 | 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                                                                                                |
| Cleanroom suitability, measured according to ISO 14644-1 | Class 4 according to ISO 14644-1                                                                                 |
| Ambient temperature                                      | -10 °C...80 °C                                                                                                   |
| Nominal tightening torque                                | 5.4 Nm                                                                                                           |
| Tolerance for nominal tightening torque                  | ±20%                                                                                                             |
| Product weight                                           | 23 g                                                                                                             |
| Type of mounting                                         | Hollow bolt with external hex                                                                                    |
| Pneumatic connection 1                                   | External thread G1/8                                                                                             |
| Pneumatic connection 2                                   | for pneumatic tubing outside diameter 6 mm                                                                       |
| Releasing ring color                                     | Blue                                                                                                             |
| Note on materials                                        | RoHS compliant                                                                                                   |
| Housing material                                         | PBT                                                                                                              |

| Feature                         | Value                      |
|---------------------------------|----------------------------|
| Hollow bolt material            | Brass, nickel-plated       |
| Releasing ring material         | POM                        |
| Material of tubing seal         | NBR                        |
| Material of tube retaining claw | high-alloy stainless steel |