

# Push-in L-fitting,self-sealing QSKL-G1/2-12

Part number: 186313

FESTO



## Data sheet

| Feature                                       | Value                                                                                                                                                             |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                                          | Standard                                                                                                                                                          |
| Nominal size                                  | 6.2 mm                                                                                                                                                            |
| Approved tubing type                          | PAN-<br>PAN-MF-<br>PAN-R-<br>PAN-VO-<br>PEN-<br>PFAN-<br>PLN-<br>PTFEN-<br>PUN-<br>PUN-CM-<br>PUN-DUO-<br>PUN-H-<br>PUN-H-DUO-<br>PUN-S-<br>PUN-S-DUO-<br>PUN-VO- |
| Tubing insertion depth                        | 22.9 mm                                                                                                                                                           |
| Type of seal on screwed plug                  | Sealing ring                                                                                                                                                      |
| Mounting position                             | optional                                                                                                                                                          |
| Design                                        | L-shape<br>Push-pull principle                                                                                                                                    |
| Size of pack                                  | 1                                                                                                                                                                 |
| Operating pressure complete 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                                                                                               |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [7:-:-]                                                                                                                         |
| 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                                | 26 Nm                                                                                                                                                             |
| Tolerance for nominal tightening torque       | ± 20%                                                                                                                                                             |

| Feature                         | Value                              |
|---------------------------------|------------------------------------|
| Product weight                  | 74 g                               |
| Type of mounting                | External hexagon, size 24 mm       |
| Pneumatic connection, port 1    | Male thread G1/2                   |
| 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         |