

# Push-in L-fitting, self-sealing QSMKL-G1/8-6

Part number: 186305

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value   |
|---|---|
| Size  | Mini  |
| Nominal size                                  | 2.9 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                        | 13.6 mm   |
| Type of seal on screwed plug                  | Sealing ring  |
| Mounting position                             | Any   |
| Design  | L-shape   |
| Size of pack                                  | 1   |
| 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   |
| 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                                | 5.4 Nm  |
| Tolerance for nominal tightening torque       | ±20%  |
| Product weight                                | 15 g  |
| Type of mounting                              | External hex SW13   |
| Pneumatic connection, port 1                  | Male thread G1/8  |

| <b>Feature</b>                  | <b>Value</b>                        |
|---------------------------------|-------------------------------------|
| Pneumatic connection, port 2    | For tubing outside diameter of 6 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          |