

# Push-in L-fitting, self-sealing QSMKL-M5-6

Part number: 153295

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Mini  |
| Nominal width                                   | 1.7 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   |
| Pack size                                       | 1   |
| Structural design                               | Push-pull principle   |
| Operating pressure for entire temperature range | -0.095 MPa ... 0.6 MPa  |
| Operating pressure for entire temperature range | -0.95 bar ... 6 bar   |
| Operating pressure for entire 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 as per ISO 8573-1:2010 [7:-:-]   |
| Information on operating and pilot media        | Operation with oil lubrication possible   |
| Corrosion resistance class (CRC)                | 1 - Low corrosion stress  |
| LABS (PWIS) conformity                          | VDMA24364-B1/B2-L   |
| Ambient temperature                             | -10 °C ... 80 °C  |
| Nominal tightening torque                       | 1.2 Nm  |
| Tolerance for nominal tightening torque         | ± 20%   |
| Product weight                                  | 10 g  |
| Type of mounting                                | External hexagon, AF 10   |
| Pneumatic connection 1                          | External thread M5  |

| <b>Feature</b>                  | <b>Value</b>                               |
|---------------------------------|--|
| Pneumatic connection 2          | for pneumatic tubing outside diameter 6 mm |
| Releasing ring color            | Blue                                       |
| Material of screwed plug        | Brass, nickel-plated                       |
| Note on materials               | RoHS-compliant                             |
| Housing material                | PBT  |
| Releasing ring material         | POM  |
| Material of tubing seal         | NBR  |
| Material of tube retaining claw | High-alloy stainless steel                 |