

Push-in fitting, self-sealing QSMK-G1/8-6

Part number: 186295

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Size | Standard |
| Nominal size | 3 mm |
| Approved tubing type | PAN- PAN-MF- PAN-R- PAN-VO- PEN- PFAN- PLN- PTFEN- PUN- PUN-CM- PUN-DUO- PUN-H- PUN-H-DUO- PUN-S- PUN-S-DUO- PUN-VO- |
| Tubing insertion depth | 13.4 mm |
| Type of seal on screwed plug | Sealing ring |
| Mounting position | Any |
| Design | Straight design |
| 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 | 14 g |
| Type of mounting | External hex SW13 |
| Pneumatic connection, port 1 | Male thread G1/8 |

| Feature | Value |
|---------------------------------|-------------------------------------|
| 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 |