

# Push-in fitting, self-sealing QSK-G3/8-8

Part number: 186299

FESTO



## Data sheet

| Feature                                         | Value                                                                                                                                                             |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                                            | Standard                                                                                                                                                          |
| Nominal width                                   | 4.5 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                          | 18.3 mm                                                                                                                                                           |
| Type of seal on screwed plug                    | Sealing ring                                                                                                                                                      |
| Mounting position                               | Any                                                                                                                                                               |
| Design                                          | Straight design                                                                                                                                                   |
| Pack size                                       | 1                                                                                                                                                                 |
| 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                                                                                               |
| 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                       | 15.5 Nm                                                                                                                                                           |
| Tolerance for nominal tightening torque         | ± 20%                                                                                                                                                             |

| Feature                         | Value                                      |
|---------------------------------|--------------------------------------------|
| Product weight                  | 43 g                                       |
| Type of mounting                | External hexagon, AF 19                    |
| Pneumatic connection 1          | External thread G3/8                       |
| Pneumatic connection 2          | for pneumatic tubing outside diameter 8 mm |
| Releasing ring color            | Blue                                       |
| Note on materials               | RoHS-compliant                             |
| Housing material                | Brass, nickel-plated                       |
| Releasing ring material         | POM                                        |
| Material of tubing seal         | NBR                                        |
| Material of tube retaining claw | High-alloy stainless steel                 |