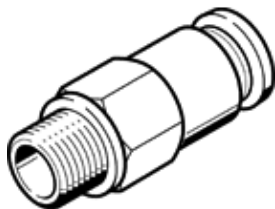


# push-in fitting, self-sealing QSMK-G1/8-6

Part number: 186295

FESTO

male thread with external hexagon.



## Data sheet

| Feature                                         | Value                                                                                                                                                             |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                                            | Standard                                                                                                                                                          |
| Nominal size                                    | 3 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                          | 13.4 mm                                                                                                                                                           |
| Type of seal on screw-in stud                   | Sealing ring                                                                                                                                                      |
| Assembly position                               | Any                                                                                                                                                               |
| Design                                          | Straight design                                                                                                                                                   |
| Container size                                  | 1                                                                                                                                                                 |
| Design structure                                | Push/pull principle                                                                                                                                               |
| Operating pressure for entire temperature range | -0.095 ... 0.6 MPa                                                                                                                                                |
| Operating pressure complete temperature range   | -0.95 ... 6 bar                                                                                                                                                   |
| Operating pressure for entire temperature range | -13.775 ... 87 psi                                                                                                                                                |
| Temperature-dependent operating pressure        | -0.095 ... 1.4 MPa                                                                                                                                                |
| Temperature dependent operating pressure        | -0.95 ... 14 bar                                                                                                                                                  |
| Temperature-dependent operating pressure        | -13.775 ... 203 psi                                                                                                                                               |
| Maritime classification                         | see certificate                                                                                                                                                   |
| Operating medium                                | Compressed air in accordance with ISO8573-1:2010 [7:-:-]                                                                                                          |
| Note on operating and pilot medium              | Lubricated operation possible                                                                                                                                     |
| Corrosion resistance classification CRC         | 1 - Low corrosion stress                                                                                                                                          |
| PWIS conformity                                 | VDMA24364-B1/B2-L                                                                                                                                                 |
| Ambient temperature                             | -10 ... 80 °C                                                                                                                                                     |
| Nominal tightening torque                       | 7 Nm                                                                                                                                                              |
| Tolerance for nominal tightening torque         | ± 20 %                                                                                                                                                            |
| Product weight                                  | 14 g                                                                                                                                                              |
| Mounting type                                   | External hexagon A/F 13                                                                                                                                           |
| Pneumatic connection, port 1                    | Male thread G1/8                                                                                                                                                  |
| Pneumatic connection, port 2                    | For tubing outside diameter 6 mm                                                                                                                                  |
| Colour of release ring                          | blue                                                                                                                                                              |
| Materials note                                  | Conforms to RoHS                                                                                                                                                  |
| Material housing                                | Nickel-plated brass                                                                                                                                               |
| Material release ring                           | POM                                                                                                                                                               |
| Material of tubing seal                         | NBR                                                                                                                                                               |
| Material of tube retaining claw                 | High alloy steel, non-corrosive                                                                                                                                   |