

# Push-in fitting, self-sealing QSMK-1/8-6

Part number: 153420

FESTO



 General operating condition

## 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                        | 13.5 mm                                                                                                                                                           |
| Type of seal on screwed plug                  | Coating                                                                                                                                                           |
| Mounting position                             | optional                                                                                                                                                          |
| 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                                                                                                                                           |
| Maritime classification                       | See certificate                                                                                                                                                   |
| 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                                | 7 Nm                                                                                                                                                              |
| Tolerance for nominal tightening torque       | ± 20%                                                                                                                                                             |
| Product weight                                | 9.5 g                                                                                                                                                             |
| Type of mounting                              | External hexagon, size 10 mm                                                                                                                                      |

| Feature                         | Value                               |
|---------------------------------|-------------------------------------|
| Pneumatic connection, port 1    | Male thread R1/8                    |
| 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          |