## Push-in Y-fitting QSY-G1/4-6 Part number: 186181



General operating condition

## **Data sheet**

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal width                                   | 4.8 mm  |
| Type of seal on screwed plug                    | Sealing ring  |
| Mounting position                               | Any   |
| Design  | Y-shape   |
| Pack size                                       | 10  |
| 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   |
| Information on operating pressure               | Water: max. 0.6 MPa at max. 50 °C   |
| Operating medium                                | Compressed air as per ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free)   |
| Information on operating and pilot media        | Operation with oil lubrication possible<br>Water: G-thread only possible with sealing ring type OL as additional<br>accessory |
| Corrosion resistance class (CRC)                | 1 - Low corrosion stress  |
| LABS (PWIS) conformity                          | VDMA24364-B1/B2-L   |
| Cleanroom class                                 | Class 4 according to ISO 14644-1  |
| Ambient temperature                             | -10 °C 80 °C  |
| Nominal tightening torque                       | 9 Nm  |
| Tolerance for nominal tightening torque         | ± 20%   |
| Product weight                                  | 25 g  |
| No. of outlets                                  | 2   |
| No. of supply lines                             | 1   |
| Type of mounting                                | External hexagon, AF 17   |
| Pneumatic connection 1                          | External thread G1/4  |
| 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                         | РОМ   |

**FESTO** 

| Feature                         | Value                      |
|---------------------------------|----------------------------|
| Material of tubing seal         | NBR                        |
| Material of tube retaining claw | High-alloy stainless steel |