

# Push-in Y-fitting QSY-G1/4-6

Part number: 186181

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value                                                                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Size                                          | Standard                                                                                                                                 |
| Nominal size                                  | 4.8 mm                                                                                                                                   |
| Type of seal on screwed plug                  | Sealing ring                                                                                                                             |
| Mounting position                             | optional                                                                                                                                 |
| Design                                        | Y-shape                                                                                                                                  |
| Size of pack                                  | 10                                                                                                                                       |
| 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:-:-]<br>Water as per manufacturer's declaration at <a href="http://www.festo.com">www.festo.com</a> |
| Note on operating and pilot medium            | Lubricated operation possible                                                                                                            |
| 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 torque                                | 9 Nm                                                                                                                                     |
| Tolerance for nominal tightening torque       | ± 20%                                                                                                                                    |
| Product weight                                | 25 g                                                                                                                                     |
| Number of outputs                             | 2                                                                                                                                        |
| Number of supply lines                        | 1                                                                                                                                        |
| Type of mounting                              | External hexagon, size 17 mm                                                                                                             |
| Pneumatic connection, port 1                  | Male thread G1/4                                                                                                                         |
| Pneumatic connection, port 2                  | For tubing outside diameter of 6 mm                                                                                                      |
| Colour of release ring                        | Blue                                                                                                                                     |
| Material screwed plug                         | Nickel-plated brass                                                                                                                      |
| Note on materials                             | RoHS-compliant                                                                                                                           |
| Material housing                              | PBT                                                                                                                                      |
| Material release ring                         | POM                                                                                                                                      |
| Material tubing seal                          | NBR                                                                                                                                      |
| Material tubing clamp component               | High-alloy stainless steel                                                                                                               |