

# Push-in T-fitting

## QST-1/8-8

Part number: 153109

FESTO



## Data sheet

| Feature                                       | Value                                                                |
|-----------------------------------------------|----------------------------------------------------------------------|
| Size                                          | Standard                                                             |
| Nominal size                                  | 6 mm                                                                 |
| Type of seal on screwed plug                  | Coating                                                              |
| Mounting position                             | optional                                                             |
| Design                                        | T-shape<br>Push-pull principle                                       |
| Size of pack                                  | 10                                                                   |
| Operating pressure complete 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  |
| Note on operating pressure                    | Water: max. 0.6 MPa at max. 50°C                                     |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [7:::]<br>Water (liquid, ice-free) |
| 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                                                       |
| Product weight                                | 19 g                                                                 |
| Number of outputs                             | 2                                                                    |
| Number of supply lines                        | 1                                                                    |
| Type of mounting                              | External hexagon, size 12 mm                                         |
| Pneumatic connection, port 1                  | Male thread R1/8                                                     |
| Pneumatic connection, port 2                  | For tubing outside diameter of 8 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                                                                  |

| Feature                         | Value                      |
|---------------------------------|----------------------------|
| Material tubing clamp component | High-alloy stainless steel |