

# Push-in connector QS-12-10-20

Part number: 130694

**FESTO**



## Data sheet

| Feature                                                   | Value                                                                    |
|-----------------------------------------------------------|--------------------------------------------------------------------------|
| Size                                                      | Standard                                                                 |
| Nominal width                                             | 9 mm                                                                     |
| Tubing insertion depth                                    | 20.2 mm<br>23.4 mm                                                       |
| Note on the tubing insertion depth                        | Ø10 depth 20 mm<br>Ø12 depth 23.4 mm                                     |
| Mounting position                                         | Any                                                                      |
| Design                                                    | Straight design                                                          |
| Pack size                                                 | 20                                                                       |
| Structural design                                         | Push-pull principle                                                      |
| Operating pressure for entire 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      |
| 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                                  |
| Corrosion resistance class (CRC)                          | 1 - Low corrosion stress                                                 |
| LABS (PWIS) conformity                                    | VDMA24364-B1/B2-L                                                        |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1                                         |
| Ambient temperature                                       | -10 °C...80 °C                                                           |
| Product weight                                            | 21 g                                                                     |
| Pneumatic connection 1                                    | for pneumatic tubing outside diameter 12 mm                              |
| Pneumatic connection 2                                    | for pneumatic tubing outside diameter 10 mm                              |
| Releasing ring color                                      | Blue                                                                     |
| Note on materials                                         | RoHS-compliant                                                           |
| Housing material                                          | PBT                                                                      |
| Releasing ring material                                   | POM                                                                      |
| Material of tubing seal                                   | NBR                                                                      |
| Material of tube retaining claw                           | High-alloy stainless steel                                               |