

# Push-in connector QS-10-8-50

Part number: 130693

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------------|
| Size                                          | Standard                                                              |
| Nominal size                                  | 6.5 mm                                                                |
| Mounting position                             | optional                                                              |
| Design                                        | Straight design                                                       |
| Size of pack                                  | 50                                                                    |
| 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                                               |
| 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                                | 14 g                                                                  |
| Pneumatic connection, port 1                  | For tubing outer diameter of 10 mm                                    |
| Pneumatic connection, port 2                  | For tubing outside diameter of 8 mm                                   |
| Colour of release ring                        | Blue                                                                  |
| Note on materials                             | RoHS-compliant                                                        |
| Material housing                              | PBT                                                                   |
| Material release ring                         | POM                                                                   |
| Material tubing seal                          | NBR                                                                   |
| Material tubing clamp component               | High-alloy stainless steel                                            |