

# Push-in connector CRQS-16-12

Part number: 130655

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal width                                   | 7.9 mm  |
| Mounting position                               | Any   |
| Design  | Straight design   |
| Pack size                                       | 1   |
| Structural design                               | Push-pull principle   |
| Operating pressure for entire temperature range | -0.095 MPa ... 1 MPa  |
| Operating pressure for entire temperature range | -0.95 bar ... 10 bar  |
| Operating pressure for entire temperature range | -13.775 psi ... 145 psi   |
| Temperature-dependent operating pressure        | -0.095 MPa ... 1 MPa  |
| Temperature-dependent operating pressure        | -0.95 bar ... 10 bar  |
| Temperature-dependent operating pressure        | -13.775 psi ... 145 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        | Lubricated operation possible   |
| Corrosion resistance class (CRC)                | 4 - Particularly high corrosion stress                                    |
| LABS (PWIS) conformity                          | VDMA24364-B1/B2-L   |
| For use in the food industry                    | See supplementary material information                                    |
| Ambient temperature                             | -15 °C ... 120 °C   |
| Product weight                                  | 50 g  |
| Usable connector cables                         | PFAN  |
| Pneumatic connection 1                          | for pneumatic tubing outside diameter 16 mm                               |
| Pneumatic connection 2                          | for pneumatic tubing outside diameter 12 mm                               |
| Releasing ring color                            | Silver  |
| Note on materials                               | RoHS compliant  |
| Housing material                                | high-alloy stainless steel  |
| Releasing ring material                         | high-alloy stainless steel  |
| Material of tubing seal                         | FPM   |
| Material of tube retaining claw                 | high-alloy stainless steel  |
| Thrust ring material                            | high-alloy stainless steel  |