

# Push-in fitting CRQS-1/2-16

Part number: 162869

**FESTO**



## Data sheet

| Feature                                         | Value                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------|
| Size                                            | Standard                                                                  |
| Nominal width                                   | 10.1 mm                                                                   |
| Tubing insertion depth                          | 32 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<br>-0.95 bar...10 bar<br>-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                                  | 59 g                                                                      |
| Usable connector cables                         | PFAN                                                                      |
| Type of mounting                                | External hexagon SW24                                                     |
| Pneumatic connection 1                          | External thread R1/2                                                      |
| Pneumatic connection 2                          | for pneumatic tubing outside diameter 16 mm                               |
| Releasing ring color                            | Silver                                                                    |
| Material of screwed plug                        | high-alloy stainless steel                                                |
| 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                                                |