

# Push-in fitting CRQS-1/8-8

Part number: 162863

FESTO



## Data sheet

| Feature                                       | Value                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------------|
| Size                                          | Standard                                                              |
| Nominal size                                  | 5.1 mm                                                                |
| Tubing insertion depth                        | 21.5 mm                                                               |
| Mounting position                             | Any                                                                   |
| Design                                        | Straight design<br>Push-pull principle                                |
| Size of pack                                  | 1                                                                     |
| Operating pressure complete temperature range | -0.095 MPa...1 MPa<br>-0.95 bar...10 bar<br>-13.775 psi...145 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                | 4 - Very high corrosion stress                                        |
| LABS (PWIS) conformity                        | VDMA24364-B1/B2-L                                                     |
| Suitable for use with food                    | See supplementary material information                                |
| Ambient temperature                           | -15 °C...120 °C                                                       |
| Product weight                                | 12 g                                                                  |
| Suitable cables                               | PFAN                                                                  |
| Type of mounting                              | External hex SW14                                                     |
| Pneumatic connection, port 1                  | Male thread R1/8                                                      |
| Pneumatic connection, port 2                  | For tubing outside diameter of 8 mm                                   |
| Colour of release ring                        | Silver                                                                |
| Material screwed plug                         | High-alloy stainless steel                                            |
| Note on materials                             | RoHS compliant                                                        |
| Material housing                              | High-alloy stainless steel                                            |
| Material release ring                         | High-alloy stainless steel                                            |
| Material tubing seal                          | Fluoro rubber                                                         |
| Material tubing clamp component               | High-alloy stainless steel                                            |
| Thrust ring material                          | High-alloy stainless steel                                            |