

# Push-in fitting CRQS-1/8-6

Part number: 162862

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value   |
|---|---|
| Size  | Standard  |
| Nominal size                                  | 4.1 mm  |
| Tubing insertion depth                        | 19.5 mm   |
| Mounting position                             | optional  |
| Design  | Straight design   |
| Size of pack                                  | 1   |
| Design  | Push-pull principle   |
| Operating pressure complete temperature range | -0.095 MPa ... 1 MPa  |
| Operating pressure complete temperature range | -0.95 bar ... 10 bar  |
| Operating pressure complete temperature range | -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                                | 9.9 g   |
| Suitable cables                               | PFAN  |
| Type of mounting                              | External hexagon, size 12 mm  |
| Pneumatic connection, port 1                  | Male thread R1/8  |
| Pneumatic connection, port 2                  | For tubing outside diameter of 6 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                          | FPM   |
| Material tubing clamp component               | High-alloy stainless steel  |
| Thrust ring material                          | High-alloy stainless steel  |