

# Push-in fitting CRQS-M5-6-I

Part number: 132329

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal width                                   | 2 mm  |
| Tubing insertion depth                          | 19.5 mm   |
| Type of seal on screwed plug                    | Sealing ring  |
| 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        | Operation with oil lubrication 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   |
| Nominal tightening torque                       | 1.33 Nm   |
| Tolerance for nominal tightening torque         | ± 20%   |
| Product weight                                  | 7.7 g   |
| Usable connector cables                         | PFAN  |
| Type of mounting                                | Internal hexagon, AF 2  |
| Pneumatic connection 1                          | External thread M5  |
| Pneumatic connection 2                          | for pneumatic tubing outside diameter 6 mm                                |
| Releasing ring color                            | Silver  |
| Material of screwed plug                        | High-alloy stainless steel  |
| Note on materials                               | RoHS-compliant  |
| Housing material                                | High-alloy stainless steel  |
| Material of threaded seal                       | FPM<br>High-alloy stainless steel   |
| Releasing ring material                         | High-alloy stainless steel  |

| <b>Feature</b>                  | <b>Value</b>               |
|---------------------------------|----------------------------|
| Material of tubing seal         | FPM                        |
| Material of tube retaining claw | High-alloy stainless steel |
| Thrust ring material            | High-alloy stainless steel |