

push-in fitting NPQR-T-G12-Q12

Part number: 8099102

FESTO



Data sheet

| Feature | Value |
|---|---|
| Size | Standard |
| Nominal size | 10 mm |
| Tubing insertion depth | 17.4 mm |
| Type of seal on screw-in stud | Sealing ring |
| Assembly position | Any |
| Design | T-shaped |
| Container size | 1 |
| Design structure | Push/pull principle |
| Operating pressure for entire temperature range | -0.095 ... 1.6 MPa |
| Operating pressure complete temperature range | -0.95 ... 16 bar |
| Operating pressure for entire temperature range | -13.775 ... 232 psi |
| Note on operating pressure | Water: max. 0.7 MPa at 0 - 80°C |
| Certificate issuing department | NSF C0556009 |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:-:-] Water (liquid, free of ice) |
| Note on operating and pilot medium | Lubricated operation possible |
| Corrosion resistance classification CRC | 4 - Very high corrosion stress |
| PWIS conformity | VDMA24364-B2-L |
| RSBP classification to CD-0033 | F1a |
| Cleanroom class | ISO class 4 |
| Food-safe | See declaration of conformity NSF/ANSI 169 |
| Ambient temperature | -20 ... 150 °C |
| Nominal tightening torque | 9 Nm |
| Tolerance for nominal tightening torque | ± 20 % |
| Product weight | 87.7 g |
| Mounting type | External hexagon A/F 25 |
| Pneumatic connection, port 1 | Male thread G1/2 |
| Pneumatic connection, port 2 | For tubing outside diameter 12 mm |
| Materials note | Conforms to RoHS |
| Material housing | High alloy steel, non-corrosive |
| Material of threaded seal | FPM |
| Guard ring material | High alloy steel, non-corrosive |
| Material release ring | High alloy steel, non-corrosive |
| Material of tubing seal | FPM |
| Material of tube retaining claw | High alloy steel, non-corrosive |
| Thrust ring material | PPSU |