

# Push-in fitting NPQR-DK-G38-Q12

Part number: 8085668

FESTO



## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Standard  |
| Nominal size                                    | 8.4 mm  |
| Tubing insertion depth                          | 22.35 mm  |
| Type of seal on screw-in stud                   | Sealing ring  |
| Assembly position                               | Any   |
| Design  | Straight design   |
| 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 working 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:-:-]<br>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<br>NSF/ANSI 169   |
| Ambient temperature                             | -20 ... 150 °C  |
| Nominal tightening torque                       | 9 Nm  |
| Tolerance for nominal tightening torque         | ± 20 %  |
| Product weight                                  | 36.5 g  |
| Mounting type                                   | Internal hex A/F 8  |
| Pneumatic connection, port 1                    | Male thread G3/8  |
| 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  |