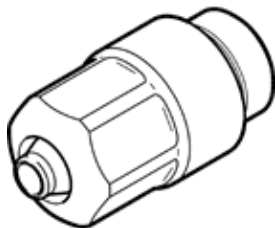


# fitting NPCK-C-D-G18-K6

Part number: 1366257

FESTO



## Data sheet

| Feature   | Value   |
|---|---|
| Nominal size                                    | 2.9 mm  |
| Type of seal on screw-in stud                   | Sealing ring  |
| Assembly position                               | Any   |
| Design  | Straight design   |
| Operating pressure for entire temperature range | -0.095 ... 1.2 MPa  |
| Operating pressure complete temperature range   | -0.95 ... 12 bar  |
| Operating pressure for entire temperature range | -13.775 ... 174 psi   |
| Note on operating pressure                      | Water: max. 0.6 MPa at 0 - 85 °C<br>Water vapour: 0 - 0.15 MPa, 0 - 1.5 bar, 0 - 22 psi                                     |
| Operating medium                                | Compressed air in accordance with ISO8573-1:2010 [7:-:-]<br>Water (liquid, free of ice)<br>Water vapour                     |
| 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   |
| Food-safe                                       | See Supplementary material information  |
| Note on temperature of medium                   | Water vapour: max. 120°C  |
| Protection class                                | IP69K   |
| Ambient temperature                             | -20 ... 120 °C  |
| Note on ambient temperature                     | The NPCK can be used from -40 to 60 °C when using suitable tubing and observing the maximum operating pressure of the tube. |
| Nominal tightening torque                       | 6.5 Nm  |
| Note on the nominal tightening torque           | 4 Nm +/-10% for NPCK to MPA-C   |
| Tolerance for nominal tightening torque         | ± 10 %  |
| Product weight                                  | 14.1 g  |
| Pneumatic connection, port 1                    | Male thread G1/8  |
| Pneumatic connection, port 2                    | For tubing outside diameter 6 mm  |
| Material of union nut                           | High alloy steel, non-corrosive   |
| Material of threaded plug                       | High alloy steel, non-corrosive   |
| Materials note                                  | Conforms to RoHS  |
| Material sealing ring                           | PEEK  |