

Fitting NPCK-C-D-G18-K6

Part number: 1366257

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Nominal size | 2.9 mm |
| Type of seal on screwed plug | Sealing ring |
| Mounting position | optional |
| Design | Straight design |
| Operating pressure complete temperature range | -0.095 MPa ... 1.2 MPa |
| Operating pressure complete temperature range | -0.95 bar ... 12 bar |
| Operating pressure complete temperature range | -13.775 psi ... 174 psi |
| Note on operating pressure | Water: max. 0.6 MPa at 0 - 85 °C Water vapour: 0 - 0.15 MPa, 0 - 1.5 bar, 0 - 22 psi |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free) Water vapour |
| Note on operating and pilot medium | Lubricated operation possible |
| Corrosion resistance class CRC | 4 - Very high corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Suitability for the production of Li-ion batteries | Suitable for battery production with reduced Cu/Zn/Ni values (F1a) |
| Suitable for use with food | See supplementary material information |
| Note on temperature of medium | Water vapour: max. 120 °C |
| Degree of protection | IP69K |
| Ambient temperature | -20 °C ... 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 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 of 6 mm |
| Material union nut | High-alloy stainless steel |
| Material screwed plug | High-alloy stainless steel |
| Note on materials | RoHS-compliant |
| Material sealing ring | PEEK |