

# 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 according to the Festo internal definition of the degree of severity F1A with restrictions regarding the use of Cu/Zn/Ni
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