

Fitting NPCK-C-D-G14-K8

Part number: 1691701

FESTO



 General operating condition

Data sheet

Feature	Value
Nominal size	4.9 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 zone III
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	20 Nm
Note on the nominal tightening torque	7 Nm +/- 10% for NPCK on MPA-C
Tolerance for nominal tightening torque	± 10%
Product weight	28.85 g
Pneumatic connection, port 1	Male thread G1/4
Pneumatic connection, port 2	For tubing outside diameter of 8 mm
Material union nut	High-alloy stainless steel
Material screwed plug	High-alloy stainless steel
Note on materials	RoHS-compliant
Material sealing ring	PEEK