

Pneumatic fitting NPCK-C-D-G18-K8

Part number: 1490383

FESTO



 General operating condition

Data sheet

Feature	Value
Nominal width	4.9 mm
Type of seal on screwed plug	Sealing ring
Mounting position	Any
Design	Straight design
Operating pressure for entire temperature range	-0.095 MPa ... 1.2 MPa
Operating pressure for entire temperature range	-0.95 bar ... 12 bar
Operating pressure for entire temperature range	-13.775 psi ... 174 psi
Information on operating pressure	Water: max. 0.6 MPa at 0 - 85 °C Water vapor: 0 - 0.15 MPa, 0 - 1.5 bar, 0 - 22 psi
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free) Water vapor
Information on operating and pilot media	Operation with oil lubrication possible
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Suitability for the production of Li-ion batteries	Metals with more than 1% by mass of copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils
For use in the food industry	See supplementary material information
Note on temperature of medium	Water vapor: max. 120 °C
Degree of protection	IP69K
Ambient temperature	-20 °C ... 120 °C
Note on ambient temperature	Using suitable tubing and maximum operating pressure of the tube, the NPCK can be used from -40 to 60 °C.
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	13.4 g
Pneumatic connection 1	External thread G1/8
Pneumatic connection 2	for pneumatic tubing outside diameter 8 mm
Material of union nut	High-alloy stainless steel
Material of screwed plug	High-alloy stainless steel
Note on materials	RoHS-compliant
Sealing ring material	PEEK