

Fittings NPCK



Fittings NPCK

Type codes

General

The fitting NPCK is safe for use with food and fulfils all of the Clean Design requirements.

The special design for the union nut

avoids edges and areas where contaminations and microorganisms might accumulate.

The NPCK is made entirely of stainless steel and is ideally suited for use in cleaning-intensive areas. NPCK is thus

the ideal addition to Festo's existing range of Clean Design drive and valve terminal products.

Assembly:

- 1) Screw the threaded plug **1** and the sealing ring **2** on to the counterpart and tighten in accordance with the nominal tightening torque.
- 2) Place the plastic tubing **3** through the die union nut **4** on to the nipple of the threaded plug (→ Fig. 1).
- 3) Screw the union nut on to the threaded plug until it is up against the counterpart (→ Fig. 2).
The tubing is thus secured and the sealing ring is pressed between the sealing surface, threaded plug, and union nut.

Dismantling:

- 1) Dismantling is completed in reverse order to the assembly.

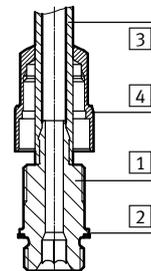


Fig. 1

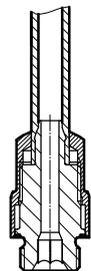


Fig. 2

Type codes

		NPCK	–	C	–	D	–	G18	–	K6
Type										
NPCK	Fitting									
Design										
C	Clean Design									
Design										
D	Straight design									
Pneumatic connection 1										
G18	Male thread G1/8									
Pneumatic connection 2										
K6	Clamped terminal connection 6 mm									

Fittings NPCK

Technical data

Fittings NPCK

Pressure
-0.95 ... +12 bar

Temperature range
-20 ... +120 °C



General technical data	
Size	Standard
Pneumatic connection 1	Male thread G1/8
Pneumatic connection 2	For tubing O.D. Ø 6 mm
Nominal width [mm]	2.9
Mounting position	Any
Type of seal on threaded plug	Sealing ring
Min. tightening torque [Nm]	3.5
Max. tightening torque [Nm]	8
Nominal tightening torque [Nm]	6.5
Tolerance for nominal tightening torque [%]	±10

Operating and environmental conditions	
Temperature-dependent operating pressure [bar]	-0.95 ... +12
Operating medium	Compressed air according to ISO 8573-1:2010 [7:-:-]
Note on operating/pilot medium	Lubricated operation possible
Ambient temperature [°C]	-20 ... +120
Corrosion resistance class CRC ¹⁾	4
Suitable for use in the food industry	As per manufacturer's declaration

1) Corrosion resistance class 4 according to Festo standard 940 070
Components subject to particularly high corrosion stress. Parts used with aggressive media, e.g. in the food or chemical industry. These applications should be supported with special tests with the media if required.

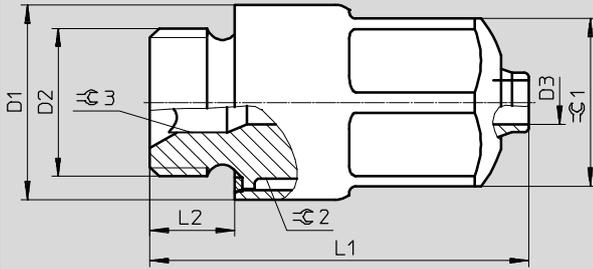
Materials	
Housing	High-alloy stainless steel
Threaded plug	High-alloy stainless steel
Sealing ring	PEEK
Note on materials	RoHS-compliant

Fittings NPCK

Technical data

Dimensions

Download CAD Data → www.festo.com/us/cad



Ordering data

Connection	D1	D3	L1	L2	∅1	∅2	∅3	Weight [g]	Part No.	Type	PU ¹⁾
D2	∅	∅									
G ¹ / ₈	12.8	2.9	24.7	5.5	11	10	4	14.1	1366257	NPCK-C-D-G18-K6	1

1) Packaging unit quantity

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A Complete Suite and Company Overview

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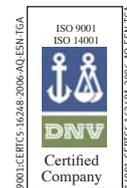
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