

Tubing/fitting combination NPQR/PUN-H

FESTO

Clean
connections!



For extremely high demands

Highlights

- According to Regulation (EC) 1935/2004
- NSF 169 certified
- Very easy to clean
- High resistance to cleaning agents
- Suitable for use in the food industry
- High corrosion resistance
- Quick and easy to mount thanks to plug-in connection

The stainless steel fitting NPQR is the premium range for a wide variety of applications. The food-safe NPQR is the first choice for use in the food industry, keeping your connection technology simple and safe. But the stainless steel fitting NPQR is also perfect when it comes to applications in the process industry and battery production.

Completely food-safe!

The NPQR conforms to Regulation (EC) 1935/2004 and is also certified according to NSF 169. The combination of the NPQR with the tubing **PUN-H-F** is the ideal solution for this application.

Extreme conditions – not a problem!

The high resistance against most media and chemicals as well as the extreme corrosion resistance set the NPQR apart. And as it is free of copper, zinc and nickel, it can also be used in battery production.

Changeover made easy

The large variety of characteristics, threads and tubing sizes means it is suitable for many different applications, making it really simple for you to convert the system. The tubing is easy to insert and pull out so that installing it is effortless. The captive, chambered O-ring prevents leakages.

Easy to clean

The new design of the NPQR has fewer edges where dirt can collect and so is very easy to clean.

Tubing/fitting combination

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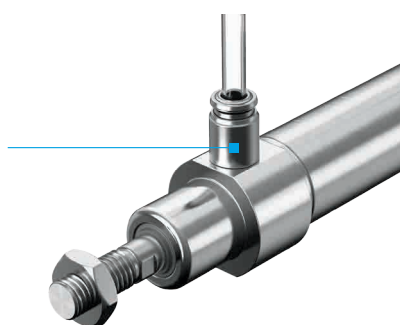
Change now!

NPQR provides you with a first-class stainless steel fitting. The captive sealing ring, the easy of mounting and cleaning, the extreme sturdiness and its safe use in applications thanks to certification speak for themselves. Together with the numerous variants, you will always be able find an NPQR to fit the requirements of your machine.

Certificates and materials for maximum safety

- Declaration of conformity in accordance with Regulation (EC) No. 1935/2004 and EU10/2011
- NSF 169 certification
- You can find all certificates here: [→ www.festo.com/certificates/NPQR](http://www.festo.com/certificates/NPQR)
- Copper-, zinc- and nickel-free
- PWIS-free
- RoHS-compliant

Very simple and yet very safe: the captive, chambered sealing ring ensures maximum process safety without any leakages.



Technical data	NPQR	PUN-H/PUN-H-F
Media	Compressed air, vacuum, water	Compressed air, vacuum, water**
Temperature range [°C]	-20 ... +150 Note: For tubing O.D. 14 and 16 mm: -5 ... +150 With PUN-H: -20... +60	-35 ... +60
Operating pressure [MPa]	-0.095 ... +1.6 Note: For tubing O.D. 14 and 16 mm: -0.095 ... +1.2	-0.095 ... +1
Food-safe **	According to Regulation (EC) 1935/2004 and NSF 169	PUN-H: Food-safe to Regulation (EU) 10/2011 and FDA 21 CFR 177.2600 PUN-H-F: Food-safe according to Regulation (EC) 1935/2004 and FDA 21 CFR 177.2600
Thread types (metric)	M5, M7, 1/8, 1/4, 3/8, 1/2 (all G threads)	
Seal	Chambered O-ring	
Tubing O.D. [mm]	4, 6, 8, 10, 12, 14, 16	2, 3, 4, 6, 8, 10, 12, 14, 16
Variants	Fittings: Straight, L, T, blanking plug	
	Connector: Straight, L, T, Y, bulkhead	
PWIS	PWIS-free	VDMA24364-B2-L
RoHS	RoHS-compliant	RoHS-compliant
Corrosion resistance class (CRC)	4	
Materials	Metals: AISI 316L Support ring: PPSU Seals: FPM	Polyurethane
Fire test material		UL94 HB

* As per the manufacturer's declaration

** See supplementary material information