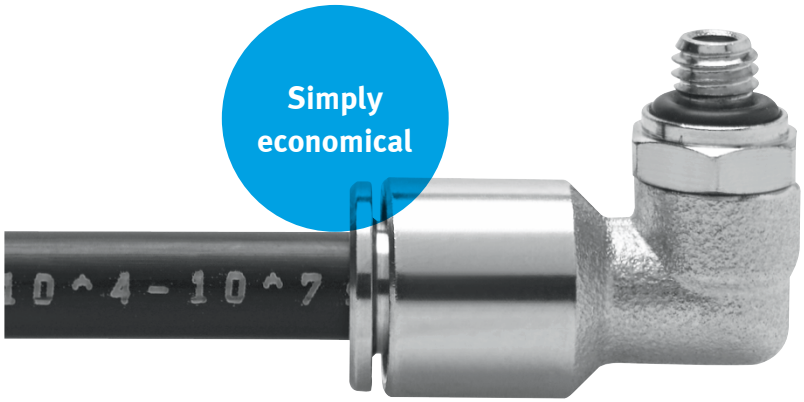
Metal push-in fitting NPQM



Sturdy and versatile

Highlights

- Sturdy and low-cost
- For pressures up to 1.6 MPa
- Versatile in use when combined with various tubes
- Flame retardant
- Anti-static

Keeps its promise in terms of economic efficiency. Designed as a cost-effective metal variant for a wide range of applications, whether in the body shop, the electronics industry or workshop environments, the NPQM is particularly suited to media such as compressed air and vacuum. Other possible applications on request.

Unique flexibility
Maximum process reliability with a reliable compressed air supply of up to 1.6 MPa. The anti-static version is also reliable in environments with flying sparks. In addition, the completely metal version is extremely sturdy. Thanks to chambered O-rings, it is ideal for greater energy efficiency and suitable for a wide variety of tubing-fitting combinations.
High performance at a low price – an alternative that pays off.

Everything from a single source
With Festo's range of tube fittings, you are optimally equipped for every application. Our great selection of products helps you save costs – right from when you need to find the right components. And perfectly matched combinations ensure that your system runs both efficiently and reliably, whatever the conditions.

NPQM – added value brought to the best level.

Metal push-in fitting NPQM

Benefits

- Pressure resistant up to 1.6 MPa
- Sturdy thanks to full metal design
- Anti-static when used with PUN-CM tubing
- Flame retardant when combined with PUN-V0 tubing
- Economical metal design
- Wide range of variants

Technical data

	NPQM	NPQH	NPQR
Housing	Nickel-plated brass	Nickel-plated brass	Stainless steel
Sealing ring	NBR	FPM	FPM
Releasing sleeve	Nickel-plated brass	Nickel-plated brass	Stainless steel
Tubing retainer mechanism	Stainless steel	Nickel-plated brass, stainless steel	Stainless steel
Operating pressure [MPa]	-0.095 ... +1.6	-0.095 ... +2.0	-0.095 ... +1.6 [1]
Operating temperature [°C]	-20 ... +70	0 ... +150	-20 ... +150 [2]
Suitable for use in the food industry	No	Conforms to VO (EG) 1935/2004 and NSF 169	Conforms to VO (EG) 1935/2004 and NSF 169
Recommended tubing	PAN-MF, PUN-CM, PUN-V0, PUN-V0-C	PAN-R, PFAN, PUN-V0-C	PFAN
Threaded coupling	Nickel-plated brass	Nickel-plated brass	Stainless steel
Special feature	• Sturdy • Anti-static • Flame retardant • Low cost	• High pressure resistance • High temperature resistance	• Maximum resistance to corrosion • Free of copper, zinc and nickel

1) Tubing O. D. 14 and 16 mm: -0.095 ... +1,2 MPa
2) Tubing O. D. 14 and 16 mm: -5 ... +150 °C

Tubing types

Technical data

	PUN-CM	PUN-V0 / PUN-V0-C	PEN	PAN-MF
Operating temperature [°C]	-35 ... +60	-35 ... +60	-30 ... +60	-60 ... +100
Temperature-dependent operating pressure [MPa]	-0.095 ... +1.0	-0.095 ... +1.0	-0.095 ... +1.0	-0,.095 ... +3.1
Resistant to chemicals [1]	+	+	++	+
Suitable for use in the food industry [1]	–	–	–	–
Hydrolysis resistant [1]	++	++	+++	++
Fire tested [1]	–	UL 94 DIN 5510-2	–	–
Halogen free [1]	+++	+++	+++	+++
Flexibility [1]	++	++	++	+
Operating medium	Compressed air, vacuum	Compressed air, vacuum, water [2]	Compressed air, vacuum, water [2]	Compressed air, vacuum
Special feature	• Anti-static	• PUN-V0: Flame retardant • PUN-V0-C: Resistant against welding spatter	• Suitable for use with energy chains	• DIN 73378 Automotive approval certificate

1) +++ Highly suitable ++ Suitable + Suitable to a limited extent – Unsuitable
2) Other media on request

142562 en 2022/04 – Errors and omissions excepted