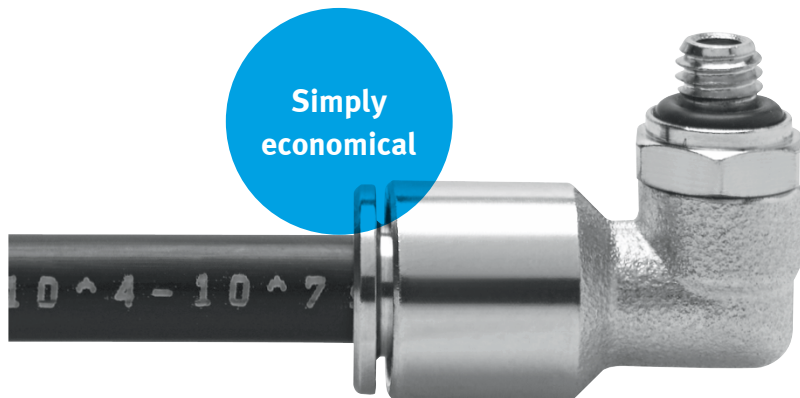


Metal push-in fitting NPQM

FESTO



Sturdy and versatile

Highlights

- Sturdy and low-cost
- For pressures up to 16 bar
- 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 16 bar. Safe in welding applications involving flying sparks and in environments where there is a risk of static discharge. And unbelievably sturdy thanks to its full metal design. Ideal for loss-free, trouble-free threaded connections optimised for compressed air in a wide range 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 16 bar
- Sturdy thanks to full metal design
- Anti-static when used with PUN-CM tubing
- Flame retardant when combined with PUN-VO tubing
- Economical metal design
- Wide range of variants

Technical data

Type	NPQM	NPQH	CRQS
Housing	Nickel-plated brass	Nickel-plated brass	Stainless steel
Sealing ring	NBR	Fluoro elastomer (FKM)	Fluoro elastomer (FKM)
Releasing sleeve	Nickel-plated brass	Nickel-plated brass	Stainless steel
Tubing retainer mechanism	Stainless steel	Nickel-plated brass, stainless steel	Stainless steel
Operating pressure [bar]	-0.95...+16	-0.95...+20	-0.95...+10
Operating temperature [°C]	-20...+70	0...+150	-15...120
Suitable for use in the food industry	No	Yes	Yes
Number of different types	~ 135	~ 150	~ 75
Recommended tubing	PAN-MF, PUN-CM, PUN-VO	PAN-R, PFAN, PUN-VO-C	PFAN
Threaded coupling	Nickel-plated brass	Nickel-plated brass	Stainless steel
Special feature	Sturdy	High temperature resistance	Maximum resistance to corrosion

Tubing types

Technical data

Type	PUN-CM	PUN-VO	PEN	PAN-MF
Operating medium	Compressed air, vacuum	Compressed air, vacuum, water*	Compressed air, vacuum, water*	Compressed air, vacuum
Temperature [°C]	-35 ... +60	-35 ... +60	-30 ... +60	-60 ... +100
Temperature-dependent operating pressure [bar]	-0.95 ... +10	-0.95 ... +10	-0.95 ... +10	-0.95 ... +31
Resistant to chemicals	+	+	++	+
Suitable for use in the food industry	-	-	-	-
Hydrolysis resistant	++	++	+++	++
Fire tested	-	UL 94 DIN 5510-2	-	-
Halogen free	+++	+++	+++	+++
Flexibility	++	++	++	+
Special feature	Anti-static	Flame retardant	Suitable for use with energy chains	DIN 73378 Automotive approval certificate

* +++ Highly suitable ++ Suitable + Suitable to a limited extent - Unsuitable

** Other media on request