

# Tubing/fitting combination PUN/QS

FESTO



## Great choice of variants

### The combination for maximum flexibility

Tubing PUN and push-in fitting QS, combined for optimal, sustained trouble-free operation of your system – simply with Festo plug and work® for quick assembly.

### Individual solutions thanks to maximum choice of variants

An unrivalled choice of variants – the tried and tested QS push-in fittings from Festo. More than 1000 types for any variants you may require for your application.

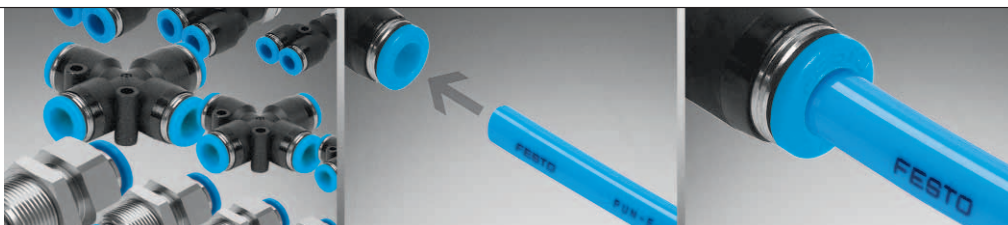
### Tried and tested in use

Reliable compressed air supply: In use worldwide for many years, in virtually any standard application, throughout the entire spectrum of industry branches: QS in combination with the appropriate plastic tubing PUN.

Our experience thus ensures reliable compressed air supply for your system – thanks to the Festo quality brand.

### Minimal installation time thanks to the tried and tested Festo plug and work®

QS – to the familiar standard of Festo quality with the proven Quick Star release mechanism. Quick assembly and dismantling of tubing PUN, suitably harmonised with the push-in fittings – simply by plugging in or pressing the releasing sleeve.



Great choice of variants, ...

quick and simple, ...

reliable!

416.3. PSI →

Product Short Information

# Tubing/fitting combination

## PUN/QS

### Technical data

Characteristic	PUN tubing	QS fittings	
		Push-in fitting	One-way flow control valve (GRLA-QS-RS-B)
Material	Casing: Polyurethane	Housing:	
	Calibration: External	PBT/brass, nickel-plated	Thermoplastic
		Sealing ring: Nitrile rubber	
		Releasing ring:	
		Polyacetate	Polycarbonate
		Tubing retaining mechanism: stainless steel	
<b>Design</b>			
Tubing O.D. [mm]	3, 4, 6, 8, 10, 12, 16	3, 4, 6, 8, 10, 12, 16	6, 8
Colours	Silver, blue, black, yellow, green, red	Blue	
Thread type		M-, G- and R thread	G thread
<b>Application range</b>			
Operating range [bar]	-0.95 ... +10	-0.95 ... +14	-0.2 ... +10
Operating temperature [°C]	-35 ... +60	-10 ... +80	-10 ... +60
<b>Resistance and suitability*</b>			
Resistance to chemicals	+	+	
Hydrolytic resistance	+	+++	
Antistatic	-	-	
Flame retardant	-	-	
Food industry approved	-	-	
Media	Compressed air, vacuum	Compressed air, vacuum	
<b>Other</b>			
Packaging units	50, 100, 200, 300, 400, 500 m	10 pcs., 100 pcs.	1 pcs.
Type diversity	7 diameter	> 1000 different types	6 different types

\* +++ Excellent suitability    ++ Good suitability    + Suitability conditional    - Not suitable

### The combination PUN/QS:

Ideal for highly flexible use in standard applications. Even in the case of demanding ambient conditions, Festo offers you a series of reliable combinations specifically for your application. Here is an example:

Tubing/push-in fitting combination	In the event that ...
PUN-H + QS	... you require hydrolysis resistant connections for use in applications in wet environments or high air humidity.
PUN-V0-B + QS-F	... you need welding spatter resistant connectors in applications subject to flying sparks.
PFAN+ QS-F	... you require heat resistant tubing and connectors up to 150 °C (at 6 bar) for your application.

### Tubing/push-in fittings for all applications:



Hydrolysis resistant, ...

welding spatter resistant, ...

heat resistant!

### More information:

Get more information in the constantly updated Download Area on [www.festo.com](http://www.festo.com) or ask the Festo Info Service.

### Free tube selection software

Available in the Download Area and on the CD-ROM of the electronic catalogue – taking the difficulty out of deciding. Simply enter your application-specific requirements and let our system guide you quickly and reliably to an appropriate solution.

### Media-resistance information

[www.festo.com/mediaresistance](http://www.festo.com/mediaresistance)

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