

Quick Coupling with Push-in Connectors



AVS Römer function fittings, i.e., filters, non-return valves, throttles, quick-release couplings... in combination with the Established **ELSA push-in connectors** by AVS Römer.

Application

AVS Römer function fittings are used in a variety of neutral gaseous and liquid media. If the fitting materials are suitable, application with aggressive media is permitted. See also the information on characteristics.

CHARACTERISTICS

BODY MATERIAL / SUITABILITY

<div>Stainless steel AISI 316L</div>	Corresponds to 1.4404 stainless steel . Suitable for many aggressive media, in particular at higher pressures.	
<div>Plastic PPSU</div>	Polyphenylsulfone. Suitable for many aggressive media with temperatures up to 140 °C (hot water, steam). Can be used with FDA-compliant FKM sealing rings or FDA-compliant and KTW-approved EPDM sealing rings in the food and pharmaceutical industries. Caution! PPSU should not be used in contact with aromatic hydrocarbons, oxidising acids, acetone, chlorinated hydrocarbons, ethers or ketones! Also, PPSU should not be placed directly in contact with anaerobic adhesives!	
Other materials	see relevant products	
Approval	NSF/ANSI 169	
TUBE		
Outside diameter [mm]	4 and 6	
Perm. tolerance [mm]	±0.1	
Permitted grade	Polyamide (PA), polyurethane (PU), fluorine polymer (FEP and PFA)	
OPERATING PRESSURE / TEMPERATURE		
Plastic version	Max. Operating pressure OP at the stated ambient temp. and medium temp. according to table	Means that the permissible operating pressure OP also depends on the average temperature within the permissible ambient temperature according to the table.
	Allowable operating pressure and operating temperature of pipe/tube must be observed!	

Quick Coupling with Push-in Connectors - int. NRV

Price group **23**

Max. allow. OP at ambient temp.
 T_{min} 0 °C, T_{max} +60 °C

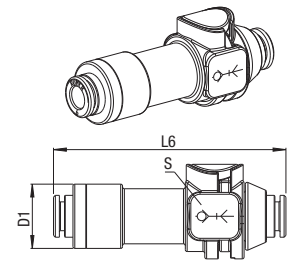
Plastic
PPSU

Material: Body: PPSU, cone PPSU, spring: Stainless steel 1.4310, seal: FKM (FDA-compliant)

Constr. design: Quick-release coupling with single-sided integrated non-return valve

DN	KV value water [m³/h]	for tube D	Max. allow. OP [bar] at medium temp.			L6	D1	S	Weight in [g]	Type	Order number	Price
			20 °C	100 °C	140 °C							
2.5	0.16	4	12	8	4	62.3	17.5	20	18.4	SVK-958-P325-4FF	359320	o. r.
4	0.35	6	12	8	4	63.1	17.5	20	18.3	SVK-958-P340-6FF	359321	o. r.

Illustration



Bulkhead Quick Coupling with Push-in Connectors, int. NRV

Price group **23**

Max. allow. OP at ambient temp.
 T_{min} 0 °C, T_{max} +60 °C

Plastic
PPSU

Material: Body: PPSU, cone PPSU, spring: Stainless steel 1.4310, seal: FKM (FDA-compliant)

Constr. design: Schott quick-release coupling with single-sided integrated non-return valve

DN	KV value water [m³/h]	for tube D	Max. allow. OP [bar] at medium temp.			L6	M	D1	S	S2	S3	Weight in [g]	Type	Order number	Price
			20 °C	100 °C	140 °C										
2.5	0.16	4	12	8	4	65.3	M18x1	17.5	20	16	22	25.5	SVK-959-P325-4FF	359322	o. r.
4	0.35	6	12	8	4	66.3	M18x1	17.5	20	16	22	24.5	SVK-959-P340-6FF	359323	o. r.

Illustration

