

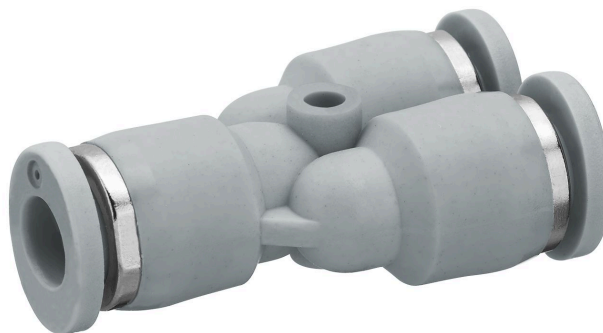
QR1-S-RYK standard series

R432000270

2025-04-25

AVENTICS Series QR1 Fittings

AVENTICS Series QR1 push-in connectors with easy, secure mounting are available in many versions: for tubing diameters from 3 to 16 mm, as well as in plastic, metal, and stainless steel variants. QR1 Series offers a cylindric thread that allows repeated connection and release without problems (Quick Release) and captive O-ring guarantees an optimal sealing. Our QR program offers the right solution for every application and industry.



Technical data

Industry	Industrial
Fitting type	Y-Plug connector, reducing double
Compressed air connection type	Push-in fitting
Port G	Ø5/32
Compressed air connection type 2	Push-in fitting
Port D	Ø5/32
Type	QR1-S-RYK
Min. working pressure	-0.95 bar
Max. working pressure	16 bar
Min. ambient temperature	-20 °C
Max. ambient temperature	80 °C
Delivery quantity	10 piece
Weight	0.009 kg

Material

Housing material	Polyamide
Seal material	Acrylonitrile butadiene rubber
Material tooth lock washer	Stainless Steel

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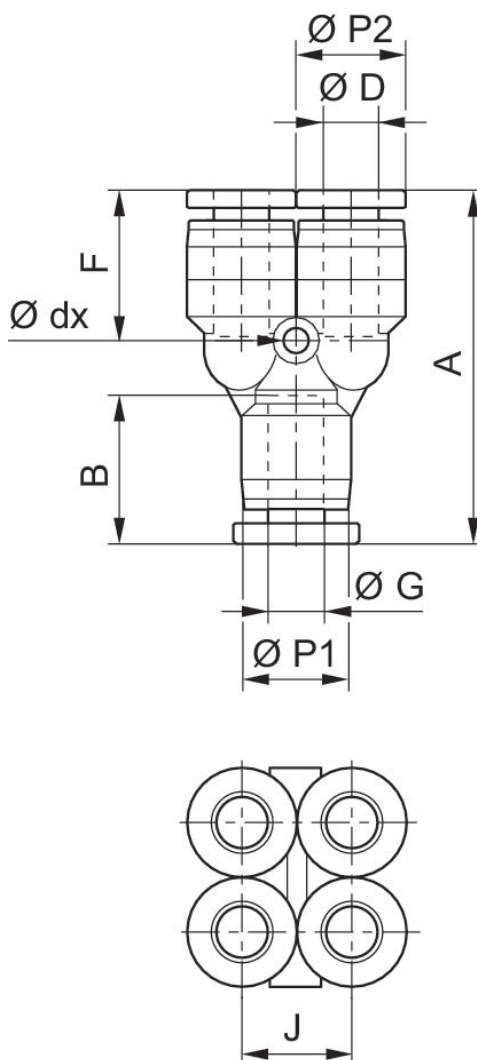
Material release ring	Polyamide
Material release ring holder	Die cast zinc Brass
Surface release ring holder	nickel-plated
Part No.	R432000270

Technical information

The series QR1 (plastic) and QR2 (metal) can not be combined

These pneumatic components with NPT or inch thread dimensions are only available from our US sales organization.

Dimensions in inches



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Part No.	Port D	Port G	A	B	J	X	Y
R432000266	Ø1/2	Ø1/2	2.09	0.89	0.82	0.91	0.83
R432000267	Ø1/4	Ø1/4	1.55	0.67	0.47	0.55	0.47
R432000268	Ø3/8	Ø3/8	1.99	0.83	0.71	0.75	0.67
R432000269	Ø5/16	Ø5/16	1.79	0.73	0.55	0.63	0.55
R432000270	Ø5/32	Ø5/32	1.37	0.63	0.38	0.47	0.39