

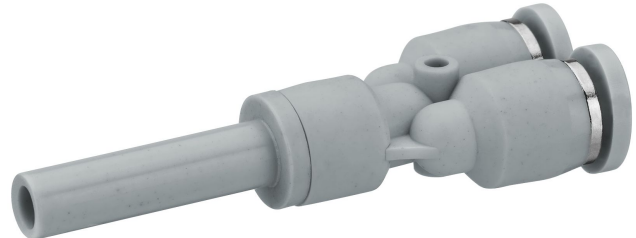
QR1-S-R2R standard series

R432000012

2026-03-04

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

Note

Archive product: Do not use in new constructions!

Fitting type

Y-Push-in fitting, reducing

Compressed air connection type

Push-in fitting

Port G

Ø 3/8

Compressed air connection type 2

pin bushing

Port D

Ø1/2

Type

QR1-S-R2R

Min. working pressure

-0.95 bar

Max. working pressure

10 bar

Min. ambient temperature

0 °C

Max. ambient temperature

60 °C

Delivery quantity

10 piece

Weight

0.027 kg

Material

Surface

nickel-plated

Housing material

Polybutyleneterephthalate

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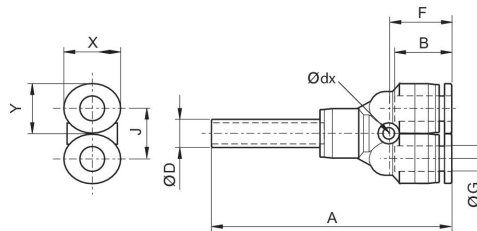
Seal material	Acrylonitrile butadiene rubber
Material tooth lock washer	Stainless Steel
Material release ring	Polyoxymethylene
Material release ring holder	Die cast zinc
	Brass
Surface release ring holder	nickel-plated
Part No.	R432000012

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



Dimensions in inches

Part No.	Port D	Port G	A	B	J	X	Y
R432000013	Ø1/4	Ø5/32	2.18	0.63	0.38	0.47	0.39
R432000015	Ø5/16	Ø5/32	2.31	0.67	0.47	0.55	0.47
R432000014	Ø3/8	Ø5/16	2.16	0.73	0.55	0.63	0.55
R432000012	Ø1/2	Ø3/8	2.96	0.83	0.71	0.75	0.67