

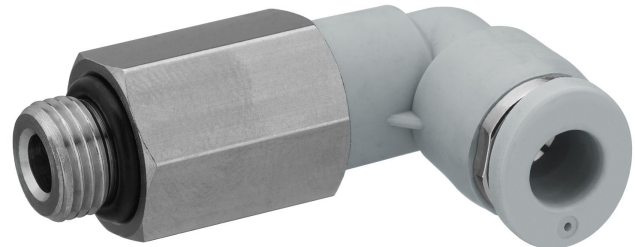
QR1-S-RVL standard series

R432000224

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

Long elbow fitting

Compressed air connection type

External thread

Port G

1/8 NPT

Compressed air connection type 2

Push-in fitting

Port D

Ø5/16

Type

QR1-S-RVL

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

0.03 kg

Material

Surface

nickel-plated

Housing material

Polyamide

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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
Material thread	Brass
Surface thread	nickel-plated
Part No.	R432000224

Technical information

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

Thread seal with captive O-ring

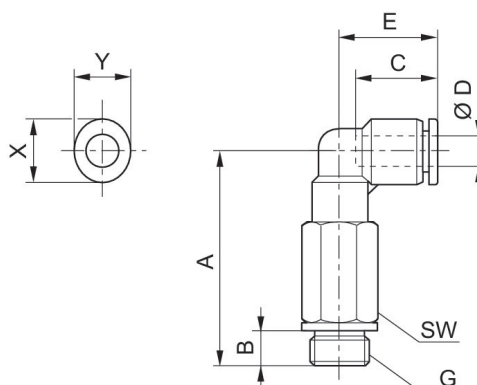
These pneumatic components with NPT or inch thread dimensions are only available from our US sales organization.

Dimensions in inches

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Dimensions in inches

Part No.	Port D	Port G	A	B	C	E	SW	X	Y
R432000226	Ø5/32	10-32 UNF	1.19	0.22	0.63	0.71	5/16	0.47	0.39
R432000215	Ø1/4	10-32 UNF	1.24	0.22	0.67	0.81	5/16	0.55	0.47
R432000228	Ø5/32	1/8 NPT	1.28	0.32	0.63	0.71	7/16	0.47	0.39
R432000217	Ø1/4	1/8 NPT	1.33	0.32	0.67	0.81	7/16	0.55	0.47
R432000224	Ø5/16	1/8 NPT	1.46	0.32	0.73	0.9	7/16	0.63	0.55
R432002638	Ø5/32	1/8 NPT	1.99	0.32	0.83	1.03	11/16	0.67	0.75
R432000227	Ø5/32	1/4 NPT	1.4	0.43	0.63	0.71	9/16	0.47	0.39
R432000216	Ø1/4	1/4 NPT	1.44	0.43	0.67	0.81	9/16	0.55	0.47
R432000223	Ø5/16	1/4 NPT	1.54	0.43	0.73	0.9	9/16	0.63	0.55
R432000220	Ø3/8	1/4 NPT	1.96	0.43	0.83	1.03	19/32	0.75	0.67
R432000213	Ø1/2	1/4 NPT	2.03	0.43	0.89	1.15	19/32	0.91	0.83
R432000218	Ø1/4	3/8 NPT	1.5	0.47	0.67	0.81	11/16	0.55	0.47
R432000225	Ø5/16	3/8 NPT	1.99	0.47	0.73	0.9	11/16	0.63	0.55
R432000221	Ø3/8	3/8 NPT	1.93	0.47	0.83	1.03	11/16	0.75	0.67
R432000214	Ø1/2	3/8 NPT	2	0.47	0.89	1.15	11/16	0.91	0.83
R432000219	Ø3/8	1/2 NPT	2.05	0.59	0.83	1.03	7/8	0.75	0.67
R432000212	Ø1/2	1/2 NPT	2.11	0.59	0.89	1.15	7/8	0.91	0.83