

QR1-S-RWD standard series

R432000010

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

Swivel banjo connection 2-fold, with internal thread

Compressed air connection type

External thread

Port G

1/4 NPT

Compressed air connection type 2

Push-in fitting

Port D

Ø5/16

Compressed air connection type 3

Internal thread

Compressed air connection 3

G 1/2

Type

QR1-S-RWD

Min. working pressure

-0.95 bar

Max. working pressure

10 bar

Min. ambient temperature

0 °C

Max. ambient temperature

60 °C

Delivery quantity

5 piece

Weight

0.1182 kg

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Material

Surface	nickel-plated
Housing material	Polybutyleneterephthalate
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.	R432000010

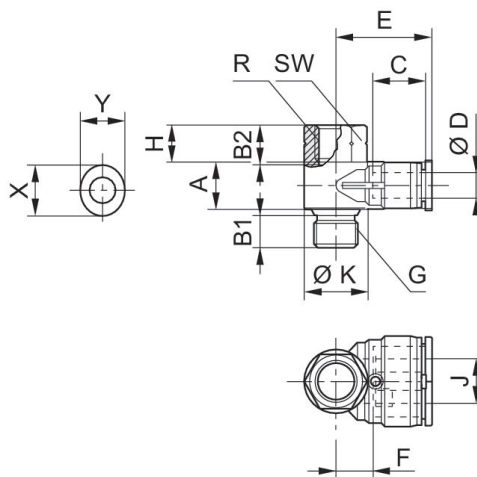
Technical information

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



Dimensions in inches

Part No.	Port R	Port D	Port G	A	B1	B2	C	E	H	J
R432000011	G 1/2	Ø5/32	1/4 NPT	0.35	0.19	--	0.63	0.83	0.26	0.4
R432000008	G 1/2	Ø1/4	1/4 NPT	0.591	0.32	--	0.67	1.19	0.45	0.55
R432000010	G 1/2	Ø5/16	1/4 NPT	0.71	0.43	--	0.73	1.35	0.53	0.67
R432000009	G 1/2	Ø 3/8	1/4 NPT	0.83	0.47	--	0.83	1.51	0.67	0.79
R432000007	G 1/2	Ø1/2	1/4 NPT	0.83	0.59	--	0.89	1.51	0.67	0.79

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Part No.	Ø K	SW	X	Y
R432000011	0.39	5/16	0.47	0.39
R432000008	0.79	9/16	0.55	0.47
R432000010	0.91	11/16	0.63	0.55
R432000009	1.18	7/8	0.75	0.67
R432000007	1.18	1	0.91	0.83