

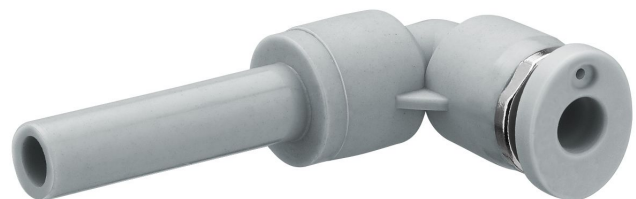
QR1-S-RLL standard series

R432000090

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

Angled plug-in connector, long

Compressed air connection type

pin bushing

Port G

Ø 3/8

Compressed air connection type 2

Push-in fitting

Port D

Ø 3/8

Type

QR1-S-RLL

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

0.014 kg

Material

Surface

nickel-plated

Housing material

Polybutyleneterephthalate

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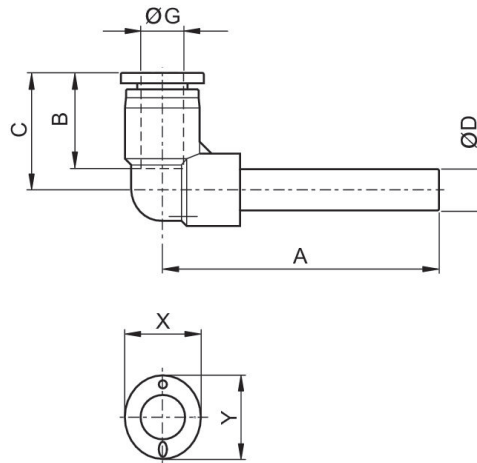
Seal material	Acrylonitrile butadiene rubber
Material tooth lock washer	Stainless Steel
Material release ring	Polyoxymethylene
Material release ring holder	Die cast zinc
	Brass
Surface release ring holder	nickel-plated
Part No.	R432000090

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	C	X	Y
R432000092	Ø5/32	Ø5/32	1.55	0.63	0.74	0.47	0.39
R432000089	Ø1/4	Ø1/4	1.96	0.67	0.83	0.55	0.47
R432000091	Ø5/16	Ø5/16	2.13	0.73	0.9	0.63	0.55
R432000090	Ø3/8	Ø3/8	2.44	0.83	1.03	0.75	0.67
R432000088	Ø1/2	Ø1/2	2.7	0.89	1.15	0.91	0.83