

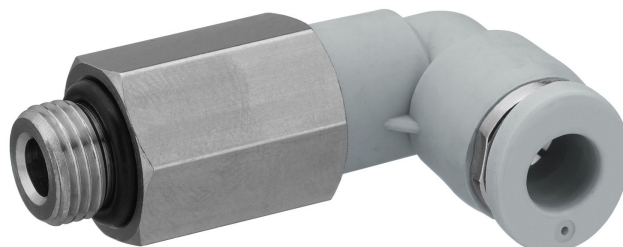
# QR1-S-RVL standard series

R432000218

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

3/8 NPT

Compressed air connection type 2

Push-in fitting

Port D

Ø1/4

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

0.05 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<br>Brass         |
| Surface release ring holder  | nickel-plated                  |
| Material thread              | Brass                          |
| Surface thread               | nickel-plated                  |
| Part No.                     | R432000218                     |

## Technical information

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

Thread seal with captive O-ring

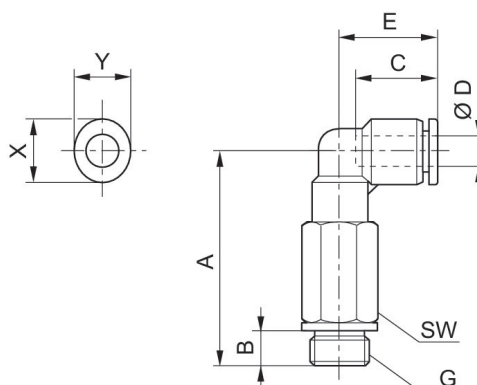
These pneumatic components with NPT or inch thread dimensions are only available from our US sales organization.

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 |
| <b>R432000218</b> | 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 |