

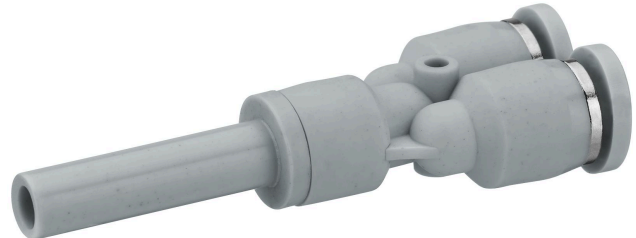
# QR1-S-R2R standard series

R432000015

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

Ø5/32

Compressed air connection type 2

pin bushing

Port D

Ø5/16

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

0.009 kg

## Material

Surface

nickel-plated

Housing material

Polybutyleneterephthalate

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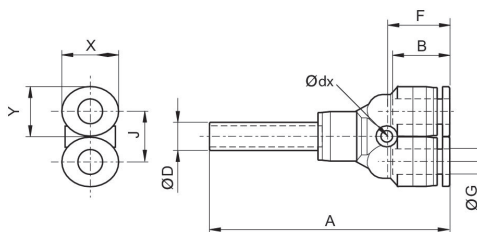
|                              |                                |
|------------------------------|--------------------------------|
| Seal material                | Acrylonitrile butadiene rubber |
| Material tooth lock washer   | Stainless Steel                |
| Material release ring        | Polyoxymethylene               |
| Material release ring holder | Die cast zinc                  |
|                              | Brass                          |
| Surface release ring holder  | nickel-plated                  |
| Part No.                     | R432000015                     |

## 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 |
| <b>R432000015</b> | 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 |