

# QR1-S-RAS standard series

R432000040

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

Push-in connector

Compressed air connection type

External thread

Port G

3/8 NPT

Compressed air connection type 2

pin bushing

Port D

Ø 3/8

Type

QR1-S-RAS

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

0.027 kg

## Material

Surface

nickel-plated

Housing material

Polyamide

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|                 |                                |
|-----------------|--------------------------------|
| Seal material   | Acrylonitrile butadiene rubber |
| Material thread | Brass                          |
| Surface thread  | nickel-plated                  |
| Part No.        | R432000040                     |

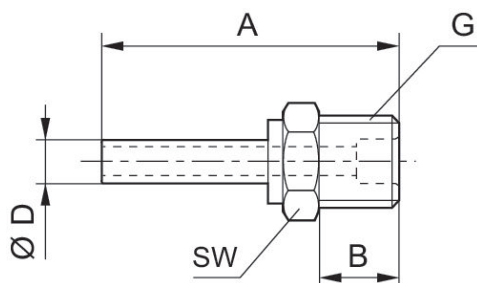
## Technical information

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 D | Port G    | A    | B    | SW    |
|-------------------|--------|-----------|------|------|-------|
| R432000045        | Ø5/32  | 10-32 UNF | 1.45 | 0.16 | 3/8   |
| R432000034        | Ø1/4   | 10-32 UNF | 1.65 | 0.16 | 3/8   |
| R432000047        | Ø5/32  | 1/8 NPT   | 1.3  | 0.32 | 13/32 |
| R432000036        | Ø1/4   | 1/8 NPT   | 1.5  | 0.32 | 13/32 |
| R432000037        | Ø1/4   | 3/8 NPT   | 1.65 | 0.47 | 11/16 |
| R432000046        | Ø5/32  | 1/4 NPT   | 1.42 | 0.43 | 9/16  |
| R432000035        | Ø1/4   | 1/4 NPT   | 1.62 | 0.43 | 9/16  |
| R432000042        | Ø5/16  | 1/4 NPT   | 1.7  | 0.43 | 9/16  |
| R432000039        | Ø 3/8  | 1/4 NPT   | 2.17 | 0.43 | 19/32 |
| R432000032        | Ø1/2   | 1/4 NPT   | 2.44 | 0.43 | 23/32 |
| R432000044        | Ø5/16  | 3/8 NPT   | 1.73 | 0.47 | 11/16 |
| <b>R432000040</b> | Ø 3/8  | 3/8 NPT   | 1.93 | 0.47 | 11/16 |
| R432000033        | Ø1/2   | 3/8 NPT   | 2.4  | 0.47 | 23/32 |
| R432000038        | Ø 3/8  | 1/2 NPT   | 2.05 | 0.59 | 27/32 |
| R432000031        | Ø1/2   | 1/2 NPT   | 2.25 | 0.59 | 27/32 |