

## 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

10-32 UNF

Compressed air connection type 2

Push-in fitting

Port D

Ø1/4

Type

QR1-S-MVL

Min. working pressure

-0.95 bar

Max. working pressure

10 bar

Min. ambient temperature

0 °C

Max. ambient temperature

60 °C

Delivery quantity

25 piece

Weight

0.009 kg

## 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.                     | R432000350                     |

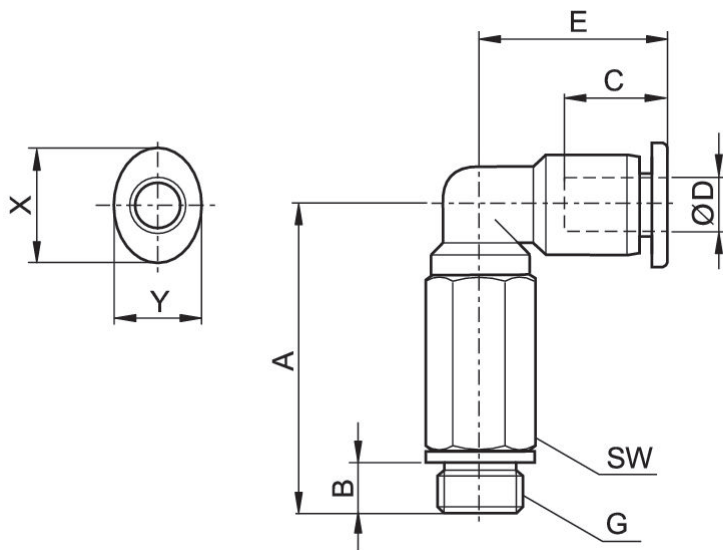
## Technical information

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    | C    | E    | SW    | X    | Y    |
|-------------------|--------|-----------|------|------|------|------|-------|------|------|
| R432000352        | Ø1/8   | 10-32 UNF | 0.98 | 0.14 | 0.36 | 0.32 | 5/16  | 0.28 | 0.24 |
| R432000351        | Ø1/8   | 1/8 NPT   | 1.06 | 0.32 | 0.36 | 0.42 | 13/32 | 0.28 | 0.24 |
| R432000354        | Ø5/32  | 10-32 UNF | 0.98 | 0.14 | 0.46 | 0.62 | 5/16  | 0.39 | 0.32 |
| R432000353        | Ø5/32  | 1/8 NPT   | 1.03 | 0.32 | 0.46 | 0.62 | 13/32 | 0.39 | 0.32 |
| <b>R432000350</b> | Ø1/4   | 10-32 UNF | 1.02 | 0.14 | 0.47 | 0.64 | 5/16  | 0.47 | 0.39 |
| R432000349        | Ø1/4   | 1/8 NPT   | 1.18 | 0.32 | 0.47 | 0.64 | 13/32 | 0.47 | 0.39 |