

## 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            |
| Fitting type                     | Angled plug connector |
| Compressed air connection type   | Push-in fitting       |
| Port G                           | Ø1/8                  |
| Compressed air connection type 2 | Push-in fitting       |
| Port D                           | Ø1/8                  |
| Type                             | QR1-S-MVK             |
| 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                           | 0.005 kg              |

## Material

|                            |                                |
|----------------------------|--------------------------------|
| Surface                    | nickel-plated                  |
| Housing material           | Polybutyleneterephthalate      |
| Seal material              | Acrylonitrile butadiene rubber |
| Material tooth lock washer | Stainless Steel                |

# Series QR1-S-MVK Mini

R432000348

Series QR1

2026-05-04

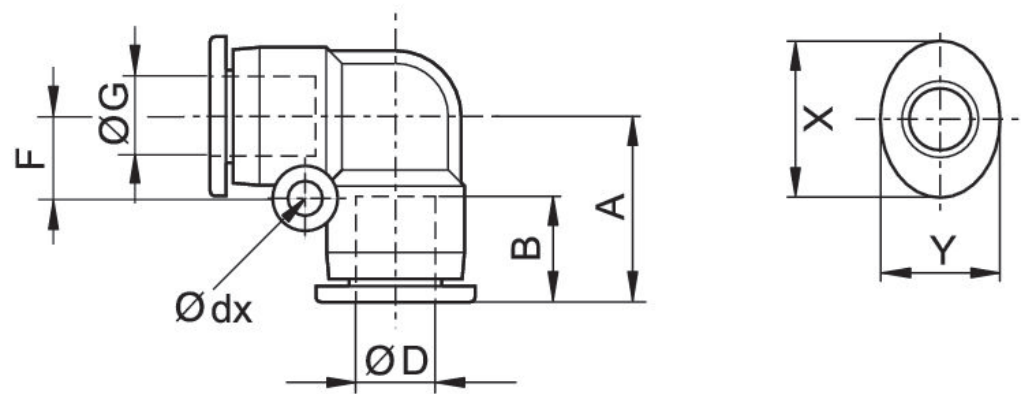
|                              |                  |
|------------------------------|------------------|
| Material release ring        | Polyoxymethylene |
| Material release ring holder | Die cast zinc    |
|                              | Brass            |
| Surface release ring holder  | nickel-plated    |
| Part No.                     | R432000348       |

## 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            | $\varnothing dx$ | A    | B    | F    | X    | Y    |
|-------------------|-------------------|-------------------|------------------|------|------|------|------|------|
| <b>R432000348</b> | $\varnothing 1/8$ | $\varnothing 1/8$ | 0,13             | 0.43 | 0.35 | 0.28 | 0.24 | 0.01 |
| R432000347        | $\varnothing 1/4$ | $\varnothing 1/4$ | 0,13             | 0.58 | 0.47 | 0.47 | 0.39 | 0.01 |