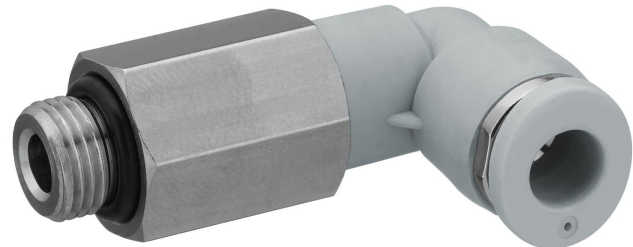


## AVENTICS Series QR1 Fittings

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.

- Qn = 60 l/min .. 875 l/min



## Technical data

|                                  |                    |
|----------------------------------|--------------------|
| Industry                         | Industrial         |
| Fitting type                     | Long elbow fitting |
| Compressed air connection type   | External thread    |
| Port G                           | G 1/2              |
| Compressed air connection type 2 | Push-in fitting    |
| Port D                           | Ø 12               |
| Type                             | QR1-S-RVL          |
| Min. working pressure            | -1 bar             |
| Max. working pressure            | 16 bar             |
| Min. ambient temperature         | -20 °C             |
| Max. ambient temperature         | 80 °C              |
| Min. medium temperature          | -20 °C             |
| Max. medium temperature          | 80 °C              |
| Delivery quantity                | 10 piece           |
| Weight                           | 0.106 kg           |

## Material

|                  |                                |
|------------------|--------------------------------|
| Housing material | Polyamide                      |
| Seal material    | Acrylonitrile butadiene rubber |

# QR1-S-RVL standard series

R412005105

Series QR1

2026-07-24

|                              |                 |
|------------------------------|-----------------|
| Material tooth lock washer   | Stainless Steel |
| Material release ring        | Polyamide       |
| Material release ring holder | Die cast zinc   |
| Surface release ring holder  | nickel-plated   |
| Material thread              | Brass           |
| Surface thread               | nickel-plated   |
| Part No.                     | R412005105      |

## Technical information

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

Thread seal with captive O-ring

## Dimensions in mm

