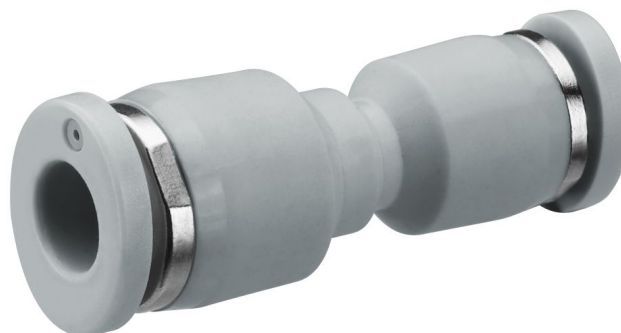


## AVENTICS Series QR1 Fittings

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                     | Straight plug connector, reducing |
| Compressed air connection type   | Push-in fitting                   |
| Port G                           | Ø 12                              |
| Compressed air connection type 2 | Push-in fitting                   |
| Port D                           | Ø 10                              |
| Type                             | QR1-S-RSR                         |
| 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                           | 0.0164 kg                         |

## Material

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

# QR1-S-RSR standard series

R412005066

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   |
| Part No.                     | R412005066      |

## Technical information

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

## Dimensions in mm

