

## 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                   | Sealing cap     |
| Compressed air connection type | Push-in fitting |
| Port G                         | Ø 12            |
| Type                           | QR1-S-RCA       |
| 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              | 20 piece        |
| Weight                         | 0.0098 kg       |

## Material

|                            |                                |
|----------------------------|--------------------------------|
| Housing material           | Polyamide                      |
| Seal material              | Acrylonitrile butadiene rubber |
| Material tooth lock washer | Stainless Steel                |
| Material release ring      | Polyamide                      |

# QR1-S-RCA standard series

R412005115

Series QR1

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Material release ring holder  
Surface release ring holder  
Part No.

Die cast zinc  
nickel-plated  
R412005115

## Technical information

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

## Dimensions in mm

