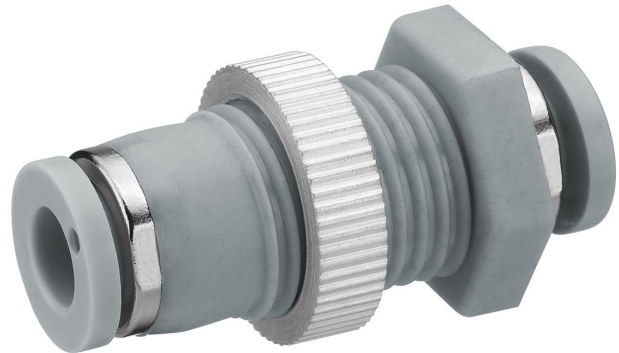


AVENTICS Series QR1 Fittings

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.

- $Q_n = 60 \text{ l/min} \dots 875 \text{ l/min}$



Technical data

Industry	Industrial
Fitting type	Bulkhead plug connector, plastic
Compressed air connection type	Push-in fitting
Port G	Ø 12
Compressed air connection type 2	Push-in fitting
Port D	Ø 12
Type	QR1-S-RSC
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	0.031 kg

Material

Housing material	Polyamide
Seal material	Acrylonitrile butadiene rubber

QR1-S-RSC standard series

R412005055

Series QR1

2026-07-24

Material tooth lock washer

Material release ring

Material release ring holder

Surface release ring holder

Part No.

Stainless Steel

Polyamide

Die cast zinc

nickel-plated

R412005055

Technical information

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

Dimensions in mm

