

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 10
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	0.0072 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

R412005114

Series QR1

2026-07-24

Material release ring holder
Surface release ring holder
Part No.

Die cast zinc
nickel-plated
R412005114

Technical information

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

Dimensions in mm

