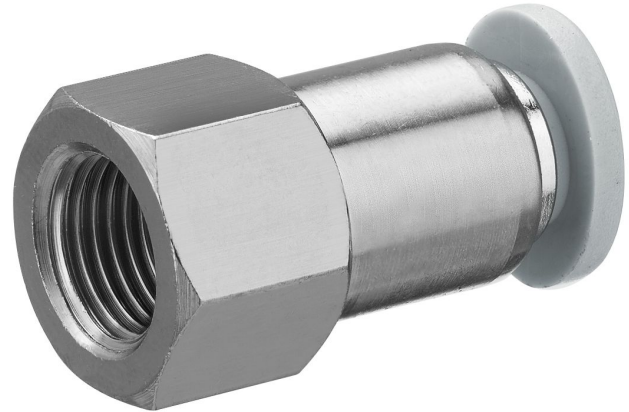


AVENTICS Series QR1 Fittings

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 female stud fitting
Compressed air connection type	Internal thread
Port G	G 1/2
Compressed air connection type 2	Push-in fitting
Port D	Ø 10
Type	QR1-S-RAI
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	0.048 kg

Material

Housing material	Brass
Surface housing	nickel-plated

QR1-S-RAI standard series

R412005090

Series QR1

2026-07-24

Seal material	Acrylonitrile butadiene rubber
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.	R412005090

Technical information

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

Dimensions in mm

