

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	Push-in connector
Compressed air connection type	External thread
Port G	G 1/2
Compressed air connection type 2	pin bushing
Port D	Ø 12
Type	QR1-S-RAS
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	0.04 kg

Material

Housing material	Polyoxymethylene
Seal material	Acrylonitrile butadiene rubber

QR1-S-RAS standard series

2121612120

Series QR1

2026-07-24

Material thread

Brass

Surface thread

nickel-plated

Part No.

2121612120

Technical information

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

Thread seal with captive O-ring

Dimensions in mm

