

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

Note

Due to product optimisation, the delivered article may currently deviate from the dimensions shown.

Fitting type

Bulkhead push-in fitting, metal

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-RSM

Min. working pressure

-0.95 bar

Max. working pressure

10 bar

Min. ambient temperature

0 °C

Max. ambient temperature

60 °C

Delivery quantity

10 piece

Weight

0.0781 kg

Material

Surface

nickel-plated

Housing material

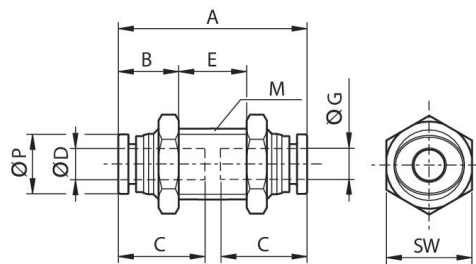
Brass

Surface housing	nickel-plated
Seal material	Acrylonitrile butadiene rubber
Material tooth lock washer	Stainless Steel
Material release ring	Polyoxymethylene
Material release ring holder	Die cast zinc
	Brass
Surface release ring holder	nickel-plated
Material thread	Brass
Surface thread	nickel-plated
Part No.	2121412000

Technical information

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

Dimensions



Part No.	Port D	Port G	M	A	B	C	E 1)	Ø P	SW
2121404000	Ø 12	Ø 12	M12x1,0	33.4	10.2	16	13	10	14
2121406000	Ø 12	Ø 12	M14x1,0	35.9	10.7	17	14.5	12	17
2121408000	Ø 12	Ø 12	M16x1,0	38.5	12.3	18.5	13.9	14	19
2121410000	Ø 12	Ø 12	M20x1,0	43.5	13	21	17.5	17	24