

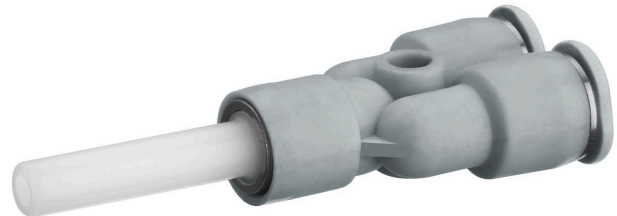
Series QR1-S-M2R Mini

R412005446

2026-05-28

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.



Technical data

Industry	Industrial
Fitting type	Y-Push-in fitting, reducing
Compressed air connection type	pin bushing
Port G	Ø 6
Compressed air connection type 2	Push-in fitting
Port D	Ø 4
Type	QR1-S-M2R
Min. working pressure	-0.95 bar
Max. working pressure	10 bar
Min. ambient temperature	0 °C
Max. ambient temperature	60 °C
Delivery quantity	25 piece
Weight	0.0042 kg

Material

Surface	nickel-plated
Housing material	Polybutyleneterephthalate
Seal material	Acrylonitrile butadiene rubber
Material tooth lock washer	Stainless Steel

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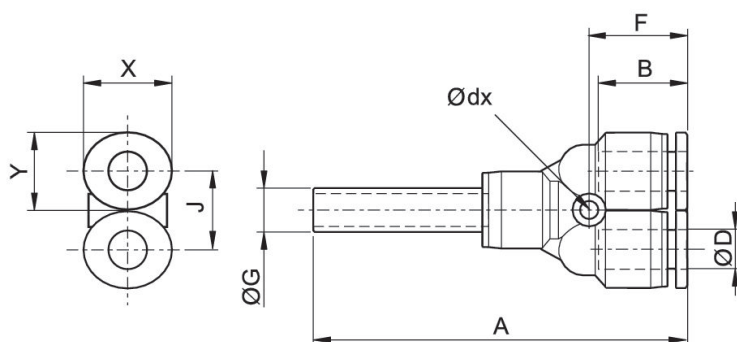
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Material release ring	Polyoxymethylene
Material release ring holder	Die cast zinc
	Brass
Surface release ring holder	nickel-plated
Part No.	R412005446

Technical information

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

Dimensions



Part No.	Port D	Port G	Ø dx	A	B	F	J	X	Y
R412005445	Ø 3	Ø 4	3.2	33	9.5	13.4	8	7	6
R412005446	Ø 4	Ø 6	3.2	38.5	11.5	13.6	10.5	10	8