

Series QR1-S-MVA Mini

R412005440

2026-04-30

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	Angled plug-in connector
Compressed air connection type	pin bushing
Port G	Ø 4
Compressed air connection type 2	Push-in fitting
Port D	Ø 4
Type	QR1-S-MVA
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	0.002 kg

Material

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

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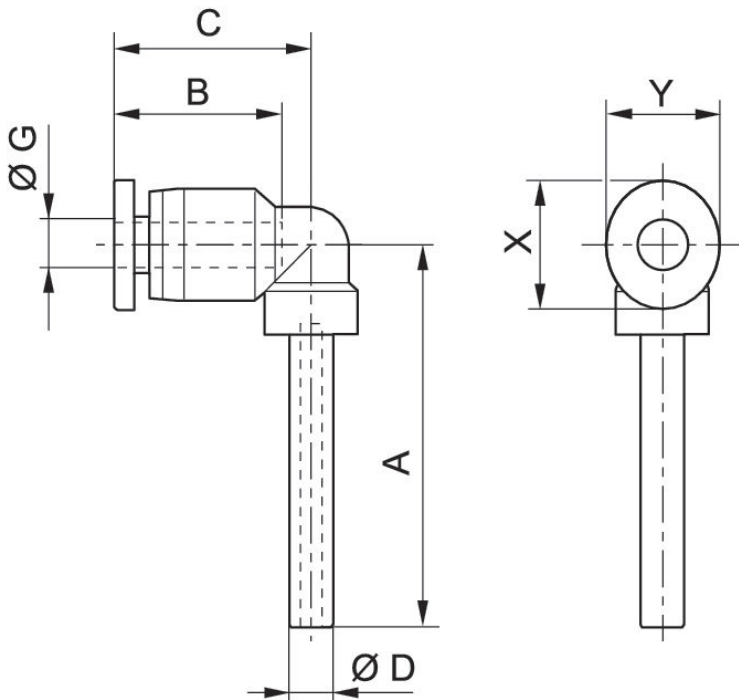
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Material release ring	Polyoxymethylene
Material release ring holder	Die cast zinc
	Brass
Surface release ring holder	nickel-plated
Part No.	R412005440

Technical information

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

Dimensions



Part No.	Port D	Port G	A	B	C	X	Y
R412005439	Ø 3	Ø 3	21.6	9.5	11.2	7	6
R412005440	Ø 4	Ø 4	27.6	11.5	15.6	10	8
R412005441	Ø 6	Ø 6	29.6	12.5	16.9	12	10