# Series QR1-S-MVT Mini
R412005288

General series information
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.
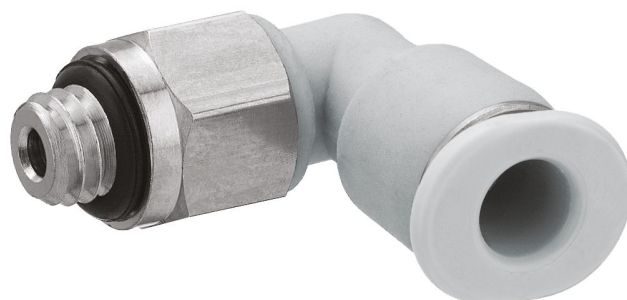
Technical data

Industry	Industrial
Fitting type	Elbow fitting
Compressed air connection type	External thread
Port G	M5
Compressed air connection type 2	push-in fitting
Port D	Ø 6
Type	QR1-S-MVT
Working pressure min.	-0.95 bar
Working pressure max	10 bar
Min. ambient temperature	0 °C
Max. ambient temperature	60 °C
Delivery unit	25 piece
Weight	0.0039 kg

Material

Surface	nickel-plated
Housing material	Polybutyleneterephthalate
Seal material	Acrylonitrile butadiene rubber

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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.   R412005288

Technical information

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

Thread seal with captive O-ring

Dimensions
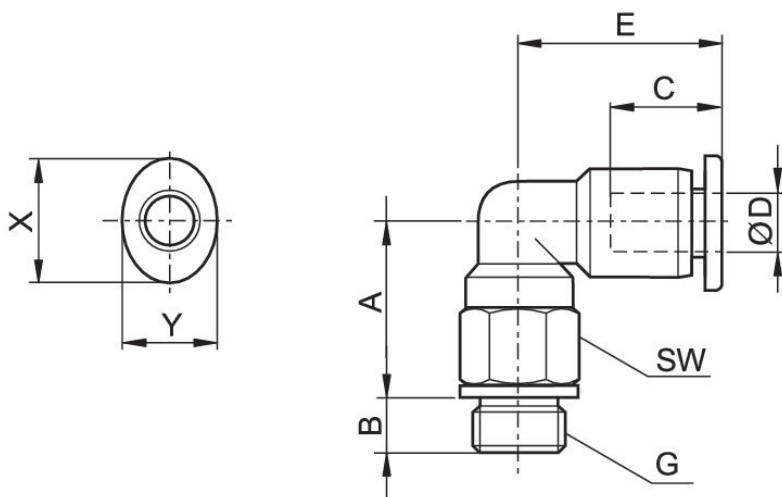
Part No.	Port D	Port G	A	B	C	E	SW	X	Y
R412005284	Ø 3	M3	10.4	3	9.5	11.2	6	7	6
R412005285	Ø 4	M3	12	3	11.5	15.6	8	10	8
R412005286	Ø 3	M5	11.3	3.5	9.5	11.2	8	7	6
R412005287	Ø 4	M5	11.6	3.5	11.5	15.6	8	10	8
R412005288	Ø 6	M5	12.9	3.5	12.5	16.9	8	12	10
R412005289	Ø 3	M6	11.9	4.5	9.5	11.2	8	7	6
R412005628	Ø 4	M6	11.6	4.5	12.5	15.6	8	12	10
R412005627	Ø 6	M6	12.9	4.5	11.5	16.9	10	10	8
R412005377	Ø 4	M7	13.7	5.5	11.5	15.6	8	10	8
R412005378	Ø 6	M7	15	5.5	12.5	16.9	8	12	10

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Part No.	Port D	Port G	A	B	C	E	SW	X	Y
R412005379	Ø 4	G 1/8	12.6	5	11.5	15.6	12	10	8
R412005380	Ø 6	G 1/8	17	5	12.5	16.9	10	12	10