Pneumatic connection technologies → Push-In fittings

Series QR1-S standard

► Long elbow fitting ► external thread ► M5 - G 1/2 ► push-in fitting ► Ø 4 - Ø 12 ► QR1-S-RVL

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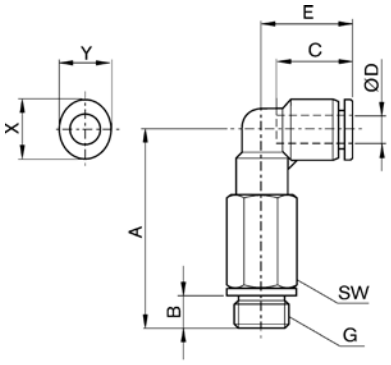
Ambient temperature min./max.	+0°C / +60°C
Working pressure min./max.	-0.95 bar / 10 bar
Materials:	
Screw	nickel-plated
Housing	Polybutyleneterephthalate
Seal	Acrylonitrile Butadiene Rubber
Tooth lock washer	Stainless steel
Release ring	Polyoxymethylene
Release ring holder	Die cast zinc; Brass, nickel-plated
Thread	Brass, nickel-plated

Technical Remarks

- The series QR1 (plastic) and QR2 (metal) can not be combined
- Thread seal with captive O-ring
- For further information about assembling and tolerances of adaptable tubing, see the section “Technical information”.

Dimensions



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Part No.	Port G	Port D	A	B	C	E	SW	X	Y	Delivery quantity [Piece]	Weight [kg]	
2122104050	M5	Ø 4	30.2	4	16	18.3	8	12	10	10	0.0113	
R412005099	M5	Ø 6	31.4	4	17	19.5	8	14	12	10	0.0118	
2122104180	G 1/8	Ø 4	29.5	5	16	18.3	13	12	10	10	0.0266	
2122106180	G 1/8	Ø 6	30.7	5	17	19.5	13	14	12	10	0.0306	
2122108180	G 1/8	Ø 8	37	5	18.5	22.7	16	16	14	10	0.034	
2122104140	G 1/4	Ø 4	31.5	6	16	18.3	16	12	10	10	0.0372	
2122106140	G 1/4	Ø 6	31.7	6	17	19.5	16	14	12	10	0.0439	
2122108140	G 1/4	Ø 8	35	6	18.5	22.7	16	16	14	10	0.051	
2122110140	G 1/4	Ø 10	54.6	6	21	26.5	16	19	17	10	0.078	
R412005103	G 1/4	Ø 12	47.3	6	22.5	28.3	16	23	21	10	0.099	
2122108380	G 3/8	Ø 8	36	7	18.5	22.7	20	16	14	10	0.068	
2122110380	G 3/8	Ø 10	43.6	7	21	26.5	20	19	17	10	0.088	
R412005104	G 3/8	Ø 12	45.3	7	22.5	18.3	20	23	21	10	0.1013	
R412005105	G 1/2	Ø 12	47.3	8.5	22.5	28.3	24	23	21	10	0.106	