

AVENTICS Series QR2 Fittings

AVENTICS Series QR2, push-in connectors with easy, secure mounting are available in many versions: In metal for tubing diameters from 3 to 16 mm. QR2 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	Straight push-in fitting, reducing
Compressed air connection type	push-in fitting
Port G	Ø 14
Compressed air connection type 2	pin bushing
Port D	Ø16
Type	QR2-S-RED
Min. working pressure	-0.95 bar
Max. working pressure	16 bar
Min. ambient temperature	-20 °C
Max. ambient temperature	80 °C
Delivery unit	5 piece
Weight	0.039 kg

Material

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

Series QR2-S-RED standard

2024-04-10

R412010190

Material release ring

Brass

Surface release ring

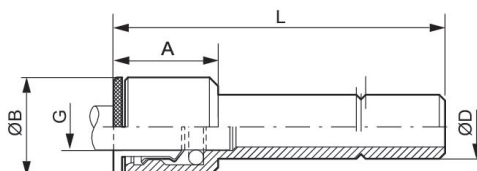
nickel-plated

Part No.

R412010190

Technical information

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



Part No.	Port D	Port G	Ø B	L	A Insertion depth
1823391614	Ø 5	Ø 4	9	32.5	15
1823391615	Ø 6	Ø 4	9	28.5	15
1823391616	Ø 6	Ø 5	9.5	35.5	16
1823391617	Ø 8	Ø 4	9	31	15
1823391618	Ø 8	Ø 5	9.5	32.5	16
1823391619	Ø 8	Ø 6	10.5	33.5	16
1823391620	Ø 10	Ø 6	10.5	36.5	16
1823391621	Ø 10	Ø 8	13	38	18
1823391622	Ø 12	Ø 4	13	39.5	15
1823391623	Ø 12	Ø 6	13	39.5	16
1823391624	Ø 12	Ø 8	13	38.5	18
1823391903	Ø 12	Ø 10	15	41	20
1823391625	Ø 14	Ø 4	15	43	15
1823391626	Ø 14	Ø 6	15	43	16
1823391627	Ø 14	Ø 8	15	43	18
1823391842	Ø 14	Ø 10	15	43	20
1823391811	Ø 14	Ø 12	17	43	22
R412010190	Ø 16	Ø 14	20	47	25