

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

Note

Fitting type

Compressed air connection type

Port G

Compressed air connection type 2

Port D

Type

suitable for use in food processing

Min. working pressure

Max. working pressure

Min. ambient temperature

Max. ambient temperature

Delivery quantity

Weight

Industrial

Archive product: Do not use in new constructions!

Straight fitting

External thread

M5

Push-in fitting

Ø 6

QR2-C-RPN

suitable for use in food processing

-0.95 bar

16 bar

-20 °C

150 °C

2 piece

0.008 kg

Material

Housing material

Stainless Steel

Series QR2-C-RPN, stainless steel

R412026847

Series QR2

2026-02-06

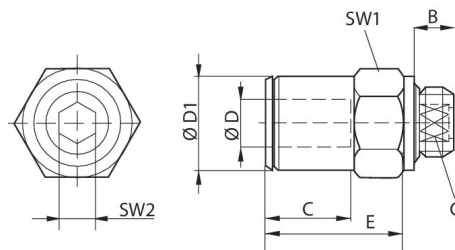
Seal material	Fluorocaoutchouc
Material tooth lock washer	Stainless Steel
Material release ring	Stainless Steel
Material thread	Stainless Steel
Part No.	R412026847

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*	SW1	SW2	Ø D1
2544004050	Ø 4	M5	20.5	4	7	15	9	—	9
R412026847	Ø 6	M5	22.5	4	—	16	9	—	11
R412010036	Ø 4	M7	22.5	5.5	5	15	11	2.5	9
R412010037	Ø 6	M7	24	5.5	6	16	11	3.5	11
R412004890	Ø 4	G 1/8	17	5.5	7	15	13	3	9
R412004891	Ø 6	G 1/8	23.5	5.5	12.5	16	13	4	11
R412004892	Ø 8	G 1/8	23.5	5.5	12.5	18	13	5	13
R412004893	Ø 6	G 1/4	21.5	6.5	5.5	16	16	4	11
R412004894	Ø 8	G 1/4	25.5	6.5	9.5	16	16	6	13
R412004895	Ø 10	G 1/4	27.5	6.5	7.5	16	16	7	15
R412004896	Ø 10	G 3/8	25.5	9	7	19	21	8	15
R412004897	Ø 12	G 3/8	31	9	7	20	21	10	17
R412010043	Ø 10	G 1/2	29	9	7	19	23	8	15
R412010524	Ø 12	G 1/2	29	9	7	20	23	10	17

* Insertion depth