

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 fitting
Compressed air connection type	External thread
Port G	G 1/4
Compressed air connection type 2	push-in fitting
Port D	Ø 12
Type	QR2-F-RPN
Min. working pressure	-0.95 bar
Max. working pressure	16 bar
Min. ambient temperature	-20 °C
Max. ambient temperature	150 °C
Delivery unit	10 piece
Weight	0.027 kg

Material

Housing material	Brass
Surface housing	nickel-plated
Seal material	Fluorocautchouc
Material tooth lock washer	Stainless Steel

Series QR2-F-RPN Heat-resistant

2024-04-10

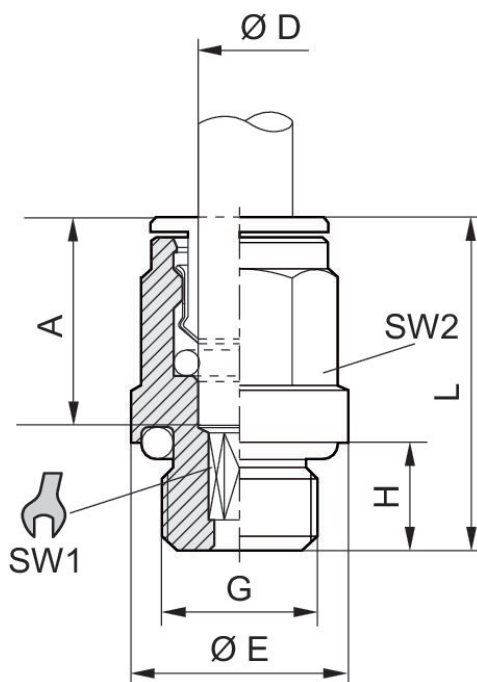
R412007625

Material release ring	Brass
Surface release ring	nickel-plated
Material thread	Brass
Surface thread	nickel-plated
Part No.	R412007625

Technical information

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

Thread seal with captive O-ring



Part No.	Port D	Port G	Ø E	H	L	A Insertion depth	SW1	SW2
1823373089	Ø 4	M5	9	4	20.5	15	2.5	–
1823373090	Ø 6	M5	10.5	4	22.5	16	2.5	–
1823373091	Ø 4	G 1/8	13.5	6	20	15	2.5	9
1823373092	Ø 6	G 1/8	13.5	6	24	16	4	11
1823373093	Ø 8	G 1/8	13	6	26.5	18	5	13
1823373094	Ø 4	G 1/4	17	8	21	15	2.5	9
1823373095	Ø 6	G 1/4	17	6.5	22.5	15	4	11
1823373096	Ø 8	G 1/4	17	8	25	18	6	13
1823373097	Ø 10	G 1/4	16	8	29.5	19	7	16
R412007625	Ø 12	G 1/4	16	6.5	30	19	7	18
1823373098	Ø 8	G 3/8	20	9	25	18	6	13
1823373099	Ø 10	G 3/8	21	9	29.5	19	8	16

Series QR2-F-RPN Heat-resistant

2024-04-10

R412007625

Part No.	Port D	Port G	Ø E	H	L	A Insertion depth	SW1	SW2
R412007730	Ø 12	G 1/2	24	11	31	20	10	18